

DESIGN & CONSTRUCTION GROUP THE GOVERNOR NELSON A. ROCKEFELLER EMPIRE STATE PLAZA ALBANY, NY 12242

ADDENDUM NO. 1 TO PROJECT NO. 46082

CONSTRUCTION AND ELECTRICAL WORK PROVIDE OFFICE RENOVATIONS DMV LEASE, HAUPPAUGE 250 VETERAN'S HIGHWAY HAUPPAUGE, NY

August 07, 2023

NOTE: This Addendum forms a part of the Contract Documents. Insert it in the Project Manual. Acknowledge receipt of this Addendum in the space provided on the Bid Form.

BIDDING REQUIREMENTS

1. DOCUMENT 001114 ADVERTISEMENT FOR BIDS: The last date for receipt of bids is changed from Wednesday, August 9, 2023, to 2:00 PM Wednesday, August 16, 2023.

GENERAL REQUIREMENTS - COMMON DOCUMENT

- 2. Page 011000 2, Paragraph 1.06 A, Add Subparagraph 1 to Read:
 - "1. Abatement Work muse be performed outside of the building's public access hours 6:30am-6:00pm"
- 3. Page 011000 3, Paragraph 1.10 A, Add Subparagraphs 1, 2, and 3 to Read:
 - "1. The facilities operations hours are 6:00am -10:00pm
 - 2. The facilities public access hours 6:30am-6:00pm
 - 3. The cafeteria's operations hours are 6:00am -2:30pm"
- 4. 015000 CONSTRUCTION FACILITIES & TEMPORARY CONTROLS: Discard the Section bound in the Project Manual and substitute the accompanying Sections (pages 015000 1 thru 015000 7) noted "Revised 08/07/2023

CONSTRUCTION WORK

- 5. SECTION 078400 FIRESTOPPING: Add the accompanying Section (page 078400 1 thru 078400 8) noted "Project 46082-C", to the Project Manual.
- 6. SECTION 097710 FRAMED DECORATIVE PANEL SYSTEMS: Discard the Section bound in the Project Manual and substitute the accompanying Section (page 097710 1 thru 097710 5) noted "Revised 08/03/2023."

ELECTRICAL WORK

- 7. SECTION 078400 FIRESTOPPING: Add the accompanying Section (page 078400 1 thru 078400 7) noted "Project 46082-E", to the Project Manual.
- 8. 260519 WIRING GENERAL 600 VOLTS AND UNDER: Discard the Section bound in the Project Manual and substitute the accompanying Section (pages 260519 1 thru 260519 9) noted "Revised 8/6/2023".

GENERAL DRAWINGS

- 9. Revised Drawings
 - a. Drawing Nos. G-001 and G-002, noted "ADDENDUM 01 08/03/2023" accompany this addendum and supersede the same numbered previously issued drawings.

CONSTRUCTION DRAWINGS

- 8. Revised Drawings:
 - a. Drawing Nos. A-101, A-102, A-103, A-104, A-501, and A-901, noted "ADDENDUM 01 08/03/2023" accompany this addendum and supersede the same numbered previously issued drawings.
- 9. Addendum Drawings:
 - b. Drawing Nos. A-902, A-903, and A-904, noted "ADDENDUM 01 08/03/2023" accompany this Addendum and form part of the Contract Documents.

ELECTRICAL DRAWINGS

- 10.. Revised Drawings:
 - a. Drawing Nos. E-001, ED-101, and E-101, noted "ADDENDUM 01 08/03/203" accompanies this Addendum and supersede the same numbered originally issued drawings.
- 11. Addendum Drawings:
 - a. Drawing Nos. E-801, noted as "ADDENDUM 01 08/03/202" accompanies this Addendum and forms part of the Contract Documents.

END OF ADDENDUM

Brady M. Sherlock, P.E. Director, Division of Design Design & Construction

SECTION 015000

CONSTRUCTION FACILITIES & TEMPORARY CONTROLS

PART 1 GENERAL

1.01 DESCRIPTION

- A. Provide the construction facilities and temporary controls necessary for the Work, unless otherwise indicated.
 - The construction facilities and temporary controls specified to be provided by a particular Contract shall be kept operational by that Contractor for the Work of all related Contracts at all times Work is being performed by a Contractor.
 - 2. The construction facilities and temporary controls specified to be provided by a particular Contractor shall be installed as soon after award of the Contract as necessary to enable the Work of each Contract to proceed on schedule, and maintained until completion of the Work of all related contracts unless otherwise directed in writing.
 - 3. Any Contractor who requires additions to the construction facilities and temporary controls specified to be provided by another Contractor, shall provide and maintain them.

1.02 RELATED WORK SPECIFIED ELSEWHERE

A. Disposal of Asbestos-Containing Materials: Section 028213.

1.03 TEMPORARY LIGHT AND POWER

- A. Electrical energy for temporary light and power will be made available without charge.
- B. Electrical Work Contract:
 - 1. Make necessary arrangements, through the Director's Representative, for temporary electrical service at location indicated.
 - 2. Provide portable source of electricity for temporary light and power of adequate capacity to supply the needs of all contractors for the performance of their Work until the temporary electrical service can be utilized for temporary light and power.
 - 3. Provide wiring and other equipment within the building for temporary light and power.
 - a. Wiring for temporary light and single phase power shall, in general, consist of 3 wire, 120/240 volt or 4 wire, 120/208 volt feeders, with branch circuits of #12 conductors minimum.
 - 1) Install branch circuits with fused grounding type receptacle outlets for single phase power (for power tools, etc.).
 - c. Install wiring for 3 phase power for machines and other heavy electrical loads consisting of 3 phase, 3 wire 208 volt feeder with

fused disconnect switches as indicated. A maximum motor load of 5 hp at 208 volts will be permitted on each feeder.

C. All Contracts:

- 1. Any Contractor requiring additional lighting shall provide additional fluorescent fixtures or incandescent lampholders (with lamps), but in no case shall the load on any branch circuit or feeder exceed its rated capacity.
- 2. Install materials for temporary light and power in conformance with the National Electrical Code.
- 3. Materials for temporary light and power need not be new if they are in satisfactory operating condition.
- 4. Provide ground-fault protection for personnel (such as portable plug-in type ground-fault circuit-interrupters) on single phase 15 and 20 ampere receptacle outlets which are in use.
- 5. Receptacle outlets, portable cord connectors and attachment plugs shall have standard NEMA configurations.
- 6. As the progress of the Work allows, and as approved, completed portions of the permanent wiring and electrical service may be utilized for temporary light and power.

1.04 TEMPORARY WATER

- A. Water will be made available for the Work without charge at source or sources directed within the limits of the existing supply and usage.
- B. Construction Work Contract:
 - 1. Provide and maintain a temporary water system, of such size and capacity as to adequately supply the needs of all contractors during performance of their Work.
- C. All Contracts: Prevent waste of water.

1.05 TEMPORARY TOILETS

- A. Existing toilet rooms to be used by the Contractors' and subcontractors employee will be designated by the Director's Representative.
- B. Construction Work Contract: Maintain assigned toilet rooms in a sanitary condition.

1.06 PROTECTION OF WORK AND EXISTING PROPERTY

- A. Protect installed Work and existing property during performance of the Work.
- B. Maintain the building in a watertight condition during performance of the Work.
- C. Provide temporary and removable protection for installed products. Control activity in immediate work area to prevent damage.

- D. Provide protective coverings at wall projections, jambs, sills, and soffit of openings.
- E. Protect finished floors, stairs, and other surfaces from traffic, dirt, wear, damage, and movement of heavy objects by covering them with durable sheet materials.
- F. Protect smoke detectors from airborne dust and debris.
 - 1. At the beginning of each work day, provide protective coverings over smoke detectors in areas where airborne dust and debris will be generated by the Work
 - 2. At the end of the work day, clean the areas in which the smoke detectors are located by whatever means necessary to assure that airborne dust and debris will not contaminate the smoke detectors, then remove protective coverings.
 - 3. Provide signs, instructions and alternate methods for reporting a fire during the periods that the smoke detectors are covered.
 - 4. Notify the Director's Representative and have procedures approved.
- G. Prohibit traffic or storage upon waterproofed and roofed surfaces. If traffic or activity is necessary, obtain recommendations for protection from waterproofing or roofing material manufacturer.
- H. Protect existing trees and plants during performance of the Work unless otherwise indicated. Box trees and plants within the grading limit lines. Do not deposit excavated materials or store building materials around trees or plants. Do not attach guy wires to trees.
- I. Prohibit traffic from landscaped areas.
- J. Cleaning tools of cementitious and other insoluble materials:
 - 1. Do not wash tools in sinks or other sanitary drainage systems. Protect all drainage systems from debris that can clog or damage piping and fixtures.
 - 2. Take all precautions necessary to prevent cementitious and other insoluble materials from flowing into floor drains.
 - 3. Dispose of excess cementitious and other insoluble debris with the other rubbish.

1.07 BARRIERS AND ENCLOSURES

- A. All Contracts: Provide barriers during performance of the Work to:
 - 1. Prevent unauthorized entry to work areas.
 - 2. Allow for State's occupancy of Site.
 - 3. Protect existing facilities and adjacent properties from damage.
 - 4. Protect vehicular and pedestrian traffic.
- B. Construction Work Contract:
 - 1. Temporary Partitions: Provide temporary partitions to form fire resistive barriers between work areas and areas occupied by State personnel.

 Construct the partitions of 3-5/8 inch width steel framing or 2 x 4 wood framing, with 5/8 inch thick Type X (ASTM C 36) gypsum board on

- both sides of partition. Secure the partitions in place without damaging existing construction. Seal joints on the State occupied side with joint tape and compound. Provide 1-3/4 inch thick solid core flush wood doors or 18 gage flush steel doors, and steel door frames. Equip doors with full mortise hinges and lockset. Furnish the Director's Representative with 2 keys for each lock.
- 2. Temporary Dust Barriers: Provide temporary dust barriers to prevent the spread of dust from the work areas. Construct the dust barriers of wood framing sheathed with 6 mil polyethylene film. Secure the dust barriers in place without damaging existing construction.
- 3. Scaffolding, Hoist, and Equipment Barriers: Provide temporary fence enclosures as required to prevent unauthorized persons from coming in contact with ground supported scaffolding, hoists, and equipment.

1.08 TEMPORARY FENCE ENCLOSURE

- A. Construction Work Contract:
 - 1. Provide temporary fence not less than 8 feet in height above grade.
 - 2. Fabric: #9 gage galvanized steel, or equal gage aluminum, woven together into 2 inch diamond mesh, with both top and bottom edges having a twisted and barbed finish.
 - 3. Posts, Rails, and Connections: Standard galvanized steel products of an approved manufacturer, of the size and types as required and approved. Provide top and bottom rails between all posts, secured with bolted connections.
 - 4. Gates: Provide access gates for passage of employees and materials, complete with padlock. Fabricate gates with galvanized steel pipe perimeter covered with same fabric specified for fence. Furnish the Director's Representative with 2 keys per gate.
 - 5. Erection: Set posts 4 feet into the ground and not more than 10 feet apart. Install bottom rail not more than 2 inches above existing grade. Pull fabric taut and wire tightly to posts and rails at not more than 2 feet on center.
 - 6. Maintain the temporary fence enclosure throughout the life of the Contract, or until directed to be removed. Replace all items or portions of fence enclosure damaged or destroyed.

1.09 SECURITY

- A. Key Deposits: A \$25 deposit will be required for each key issued by the Facility. Deposits will be refunded upon return of the keys.
- B. Facility Key Regulations:
 - 1. Sign Facility keys out and in on a daily basis unless otherwise directed.
 - 2. Keep keys on person at all times while on the premises. Do not loan or give keys to other persons.
 - 3. Do not remove keys from the premises without written permission from the Director's Representative.
 - 4. Report lost, missing, or stolen keys immediately to the Facility Safety/Security Department. Assume responsibility for cost of necessary key and lock replacement as a result of lost, missing, or stolen keys.

- C. Promptly relock doors and security screens located in access routes, storage areas, and work areas after use.
- D. Restore, by the end of each work day, existing in place safety/security items such as doors, screens, alarm systems components, that required removal, replacement, or adjustment to perform the Work, unless otherwise authorized in writing by the Director's Representative.
- E. Remove all tools and materials from patient occupied work areas when the work areas are not attended by employees and at the end of each work day. Store tools in a locked tool box, cabinet, or shed. Store materials where directed, in a location secure from access by patients and clients.

1.10 WATER CONTROLS

A. Provide and maintain pumping equipment necessary to keep the work areas free from water. Discharge water into existing storm drainage systems or otherwise disperse as directed.

1.11 FIRE PREVENTION

- A. Take precautions necessary to prevent fires.
- B. Fuel for cutting and heating torches shall be acetylene or LP-gas only, and shall be contained in Underwriters Laboratory or Federal Department of Transportation approved containers.
- C. Furnish and maintain a currently inspected 20 pound capacity multi-class A:B:C fire extinguisher in the immediate vicinity where welding tools or torches are in use.
- D. Furnish and maintain a currently inspected fire extinguisher of the appropriate class and size whenever the temporary storage of materials changes that areas classification of fire load or life safety.
- E. Do not use flammable liquids, other than those specified, within a building without the written approval from the Director's Representative.
- F. Tarpaulins shall be flameproof and shall be securely anchored when attached to scaffolding or when used to enclose any portion of a building.
- G. If required by the nature of the work and facility regulations, the Contractor shall obtain from the facility and pay all costs associated with "Hot Work Permits" including fire watches to execute the work of its contract. Perform hot work in accordance with the Fire Code of New York State and the Hot Work Program approved for the work. Prior to, during and after performing hot work, inspect the hot work area for compliance with the requirements of the permitted Hot Work Program.
 - 1. Post signage "Caution: Hot Work In Progress Stay Clear" in conspicuous locations warning others before they enter a hot work area

where the area is accessible to persons other than the operator of the hot work equipment.

2. See applicable facility permits and conditions bound in the Appendix.

1.12 TEMPORARY FIRE PROTECTION

- A. If the existing building is to be partially occupied during the course of the project, all existing exits, fire walls, fire barriers and fire protection systems shall be continuously maintained in the occupied phases in compliance with the Fire Code of New York State. Comply with NFPA 241 for items not specifically addressed in the Fire Code of New York State.
- B. Those portions occupied by the facility must be available for their use 24 hours a day, seven days a week during the contract period unless otherwise scheduled in these documents.
- C. Prior to removal of existing fire walls, fire barriers and fire protection systems, if such removal is part of the work, install equivalent temporary fire walls, fire barriers and fire protection systems as defined in these documents and as approved by the Director's Representative and/or the facilities representative.
- D. The cost of all labor, fire watches, variances, materials, installations, maintenance and removal of such temporary fire protection systems or modifications to the existing systems are the responsibility of the Contractor. Install permanent fire walls, fire barriers and fire protection systems, if provided as part of the work, as soon as practical.

1.13 ACCESS ROADS

- A. Routes of ingress and egress on the premises to the location of the Work shall be as directed.
- B. Keep designated access roads clear of dirt and debris resulting from the Work.
- C. Provide means of removing mud from vehicle wheels before entering paved roads.

1.14 PARKING

- A. All Contracts:
 - 1. Park vehicles in areas where directed.
 - 2. Keep designated parking areas clear of dirt and debris resulting from the Work.
 - 3. If requested, register vehicles which are to be parked at the Facility with the Facility Safety/Security Department.
 - 4. Remove ignition key from unattended vehicles and lock doors.
- B. Construction Work Contract: Remove snow from parking areas allocated to all Contractors.

1.15 RUBBISH REMOVAL

- A. Clean up and containerize the rubbish (refuse, debris, waste materials, and removed materials and equipment) resulting from the Work at least once a day and more often if the rubbish interferes with the work of others or presents a hazard. Leave work areas broom clean, except where more stringent cleaning is specified, at the end of each day. Locate containerized rubbish on the Site where directed.
- B. Remove rubbish from State property at least once a week and more often if the rubbish presents a hazard. Properly dispose of rubbish.
- C. Burning of rubbish will not be permitted.

1.16 RELOCATION AND REMOVALS

- A. Should a change in location of any construction facilities and temporary controls be necessary in order to progress the Work properly, remove and relocate such items as directed.
 - 1. Electrical Work Contract: Frequently relocate/revise the temporary lighting as Contractors progress the Work of their contracts causing changes to the condition of the building (installation or relocation of walls, partitions, ceilings, equipment, etc.). Keep pace with the changes and maintain a minimum of 10 foot candles in each recomposed work area.
- B. Remove the construction facilities and temporary controls when they are no longer required. Restore permanent facilities used for or connected to temporary facilities to their original condition or better.

PART 2 PRODUCTS (Not Used)

PART 3 EXECUTION (Not Used)

END OF SECTION

SECTION 078400

FIRESTOPPING

PART 1 GENERAL

1.01 REFERENCES

- A. UL 263 Fire Tests of Building Construction and Materials.
- B. UL 1479 Fire Tests of Through-Penetration Firestops.
- C. UL 2079 Standard for Safety Tests for Fire Resistance of Building Joint Systems.
- D. ASTM E 119 Methods of Fire Tests of Building Construction and Materials.
- E. ASTM E 814 Method of Fire Tests of Through-Penetration Fire Stops.

1.02 DEFINITIONS

- A. UL Fire Resistance Directory: Product directory published yearly, with supplements, by Underwriters Laboratories Inc., containing listings and classifications in effect as of the published date for product categories covered by UL.
- B. Inchcape Directory of Listed Products: Product directory published yearly by Inchcape Testing Services containing listings which reflect certifications granted for materials, products, systems and equipment which have been tested by Inchcape Testing Services to recognized governing standards.
- C. Omega Point Laboratories Listings Directory: Product Directory published yearly by Omega Point Laboratories, Inc. containing listed building products, materials, and assemblies which have been tested by Omega Point Laboratories to recognized governing standards.
- D. Factory Mutual Approval Guide: Product directory published yearly, with supplements, by Factory Mutual Research Corp., containing listed building products, materials, and assemblies which have been tested by Factory Mutual Research Corp., to recognized governing standards.
- E. F Rating: Prohibits flame passage through the system and requires acceptable hose stream test performance.
- F. T Rating: Prohibits flame passage through the system and requires the maximum temperature rise on the unexposed surface of the wall or floor assembly, on the penetrating item and on the fill material not to exceed 325 degrees F above ambient, and requires acceptable hose stream test performance.
- G. Company Field Advisor: An employee of the Company which lists and markets the primary components of the system under their name who is certified in

writing by the Company to be technically qualified in design, installation, and servicing of the required products or an employee of an organization certified by the foregoing Company to be technically qualified in design, installation and servicing of the required products. Personnel involved solely in sales do not qualify.

1.03 DESIGN REQUIREMENTS

- A. Devices and materials shall meet the hourly fire resistance ratings required by the Project as determined by UL 263, UL 1479, UL 2079, ASTM E 119 or ASTM E 814 and be listed and detailed in the UL Fire Resistance Directory, Inchcape Directory of Listed Products, Factory Mutual Approval Guide, or the Omega Point Laboratories Listings Directory.
 - 1. Exception: Where no listed designs exist that meet the requirements of a specific project condition, submit details and manufacturer's written recommendations for a design meeting the requirements. Include evidence of engineering judgment and extrapolation from listed designs.

1.04 SUBMITTALS

- A. Submittals Package: Submit the following items specified below the same time as a package:
 - 1. Product Data.
 - 2. Samples.
 - 3. Quality Control Submittals.
 - 4. Firestop Schedule.
- B. Product Data: Catalog sheets, specifications and installation instructions for each firestop device and material.
 - 1. Indicate design number for each firestop proposed to be used which is detailed in the UL Fire Resistance Directory, Inchcape Directory of Listed Products, Factory Mutual Approval Guide, or the Omega Point Laboratories Listings Directory.
 - 2. State the specific locations where each firestop system is proposed to be installed.
- C. Samples: One of each product if requested.
- D. Quality Control Submittals:
 - Design Data: Show details and include engineering information and manufacturer's written recommendations required under Design Requirements Article for each proposed firestop if other than a design detailed in the UL Fire Resistance Directory, Inchcape Directory of Listed Products, Factory Mutual Approval Guide, or the Omega Point Laboratories Listings Directory.
 - a. State the specific locations where each firestop is proposed to be installed.
 - 2. Installer's Qualifications Data:
 - a. Name of each person who will be performing the Work and their employer's name, business address and telephone number.

- b. Names and addresses of 3 similar projects that each person has worked on during the past 5 years.
- 3. Company Field Advisor Data:
 - a. Name, business address and telephone number of Company Field Advisor secured for the required services.
 - b. Certified statement from the Company listing the qualifications of the Company Field Advisor, and listing of services and each product specifically listed for this Project for which Company Field Advisor is given authorization by the Company to render advice.
- E. Firestop Schedule: Submit schedule itemizing the following:
 - 1. Manufacturer's product reference numbers and/or drawing numbers.
 - 2. UL, Inchcape Testing Services, Factory Mutual Research Corp., or Omega Point Lab design number.
 - 3. Location of firestop material.
 - 4. Penetrating Item Description/Limits: Material, size, insulated or uninsulated, and combustibility.
 - 5. Maximum allowable annular space or maximum size opening.
 - 6. Wall type construction.
 - 7. Floor type construction.
 - 8. Hourly Fire resistance rating of wall or floor.
 - 9. F rating.
 - 10. T rating, if available.

NOTE: Firestop Schedule is for information only, and will not be acted on for approval. Refer to Sample Firestop Schedule bound in Appendix.

1.05 QUALITY ASSURANCE

- A. Installer Qualifications: The persons installing the firestopping and their supervisor shall be personally experienced in firestop work and shall have been regularly employed by a company installing firestopping for a minimum of 3 years.
- B. Pre-Installation Conference: Before the firestop work is scheduled to commence, a conference will be called by the Director's Representative at the Site for the purpose of reviewing the Contract Documents and discussing requirements for the Work. The conference shall be attended by related trade Contractors (if any), their qualified firestopping installers, and associated firestopping manufacturer's Company Field Advisors.
- C. Container/Package Labels: Include manufacturer's name and identifying product number, date of manufacturer, lot number, shelf life (if applicable), qualified testing and inspecting agency classification marking, curing time, and mixing instructions for multi-component materials.
- D. Company Field Advisor: Secure the services of a Company Field Advisor for the following:

- 1. Render advice regarding suitability of firestopping materials and methods.
- 2. Assist in completing firestop schedule.
- 3. Attend pre-installation conference.
- E. Field-Constructed Sample Installations: Prior to installing firestopping, erect sample installations for each type through-penetration firestop system indicated in the Firestop Schedule to verify selections made and to establish standard of quality and performance by which the firestopping work will be judged.
 - 1. Build sample installations to comply with the following requirements, using materials indicated for final installations.
 - a. Locate sample installations on site at locations where directed.
 - b. Obtain Director's Representative's acceptance of sample installations before start of firestopping installation.
 - c. Retain and maintain sample installations during construction in an undisturbed condition.
 - d. Accepted sample installations in an undisturbed condition at time of substantial completion of Project may become part of completed firestopping work.

1.06 DELIVERY, STORAGE, AND HANDLING

- A. Deliver firestopping materials to the Site in original, new unopened containers or packages bearing manufacturer's printed labels.
- B. Store and handle firestopping materials to prevent deterioration or damage due to moisture, temperature changes, contaminants, etc.

1.07 PROJECT CONDITIONS

- A. Environmental Requirements:
 - 1. Temperature: Do not install firestopping materials when ambient or substrate temperatures are outside limits permitted by manufacturer of firestopping materials.
 - 2. Humidity and Moisture: Do not install the Work of this Section under conditions that are detrimental to the application, curing, and performance of the materials.
 - 3. Ventilation: Provide sufficient ventilation wherever firestopping materials are installed in enclosed spaces. Follow manufacturer's recommendations.

1.08 SEQUENCING AND SCHEDULING

A. Leave exposed those firestopping installations that are to be concealed behind other construction until the Director's Representative has examined each installation.

PART 2 PRODUCTS

2.01 FIRESTOPPING-GENERAL

- A. Through-Penetration Firestop Devices, Forming Materials, And Fill, Void or Cavity Materials: As listed in the UL Fire Resistance Directory, Inchcape Directory of Listed Products, Factory Mutual Approval Guide, or the Omega Point Laboratories Listings Directory.
 - 1. For firestopping exposed to moisture, furnish products that do not deteriorate when exposed to this condition.
 - 2. For firestopping systems exposed to view, furnish products with flame-spread values of less than 25 and smoke developed values less than 50, as determined per ASTM E 84.
 - 3. For penetrations for piping services below ambient temperature, furnish moisture-resistant through-penetration firestop systems.
 - 4. For penetrations involving insulated piping, furnish through-penetration firestop systems not requiring removal of insulation.
- B. Accessories: Components required to install fill materials as recommended by the firestopping manufacturer for particular approved fire rated system.
- C. Identification Labels:
 - 1. Furnished by fire stopping manufacturer of suitable material for permanent field identification of through-penetration firestops.
 - 2. Identify the following:
 - a. "WARNING FIRESTOP MATERIAL".
 - b. Company Name.
 - c. Product Catalog number.
 - d. F rating.
 - e. T rating, if available.
 - 3. Field fabricated labels are not acceptable.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Examine existing through-penetrations of floors, walls, partitions, ceilings and roofs in the Work areas.
- B. Examine existing junctures, control joints, and expansion joints in the Work areas.
- C. Where firestopping is missing or not intact, submit a written report to the Director's Representative describing the existing conditions.

3.02 PREPARATION

- A. Clean out openings immediately before installation of through-penetration firestopping. Comply with recommendations of firestopping manufacturer and the following requirements:
 - 1. Remove foreign materials from surfaces of openings, and from penetrating items that could interfere with adhesion of firestopping.

- 2. Clean opening and penetrating items to produce clean, sound surfaces capable of developing optimum bond with firestopping. Remove loose particles remaining from cleaning operation.
- 3. Remove laitance and form release agents from concrete.
- B. Clean out openings, and juncture, control, and expansion joints immediately before installation of firestopping. Comply with recommendations of firestopping manufacturer and the following requirements:
 - 1. Remove foreign materials from surfaces of openings and joint substrates, and from penetrating items that could interfere with adhesion of firestopping.
 - 2. Clean opening joint substrates to produce clean, sound surfaces capable of developing optimum bond with firestopping. Remove loose particles remaining from cleaning operation.
 - 3. Remove laitance and form release agents from concrete.

C. Protection:

1. Protect surfaces adjacent to through-penetration firestops with non-staining removable masking tape or other suitable covering to prevent firestopping from contacting adjoining surfaces that will remain exposed upon completion of Work and that would otherwise be permanently stained or damaged by such contact or that would be caused by cleaning methods used to remove smears from firestopping materials.

D. Substrate Priming:

- 1. Prime substrates in accordance with the firestopping manufacturer's printed installation instructions using recommended products and methods.
- 2. Do not allow primer to spill or migrate onto adjoining exposed surfaces.

3.03 INSTALLATION OF THROUGH PENETRATION FIRESTOPS

- A. Use through-penetration firestop devices, forming materials, and fill, void or cavity materials to form through-penetration firestops to prevent the passage of flame, and limit temperature rise of the unexposed surface as detailed in the UL Fire Resistance Directory, Inchcape Directory of Listed Products, Factory Mutual Approval Guide, or the Omega Point Laboratories Listings Directory.
 - 1. Where applicable design is not detailed in the Directories, use forming materials and fill, void or cavity material to form through-penetration firestop in accordance with approved printed details and installation instructions from the company producing the forming materials and fill, void or cavity material.
 - 2. If the construction type(s) of the building cannot be determined, provide firestopping with fire resistance ratings as specified in the Building Code of New York State, Tables 720.1(1), 720.1(2), 720.1(3), and 302.3.2.
- B. Provide through-penetration firestop systems with F ratings that shall equal or exceed the fire resistance rating of the penetrated building construction.
- C. Provide through-penetration firestop systems with T ratings, in addition to F ratings, at floors where the following conditions exist:

- 1. Where firestop systems protect penetrations located outside the wall cavities.
- 2. Where firestop systems protect penetrations located outside fire resistive shaft enclosures.
- 3. Through-penetration firestop systems protecting floor penetrations require a T-rating of at least 1 hour, but not less than the required floor fire-resistance rating.
- D. Firestop through-penetrations of floors, walls, partitions, ceilings, and roofs.
- E. Firestop through-penetrations associated with the new Work.
- F. In areas where through-penetration items have been installed before the construction work, firestop the through-penetration items after the construction work has been completed. Furnish drawings or written information to the Construction Work Contractor covering the provisions to be made in the construction work to enable firestopping of the through-penetration items.
- G. Permanently affix label at each firestop. Use adhesive compatible with surface construction at firestop location.

3.04 INSTALLATION OF JUNCTION, CONTROL, AND EXPANSION JOINT FIRESTOPS

- A. Use joint treatment materials to form firestop to prevent the passage of flame and limit temperature rise of the unexposed surface, as detailed in the UL Fire Resistance Directory, Inchcape Directory of Listed Products, Factory Mutual Approval Guide or the Omega Point Laboratories Listings Directory.
 - 1. Where applicable design is not detailed in the Directories, use forming materials and fill, void or cavity material to form firestop in accordance with approved printed details and installation instructions from the company producing the forming materials and fill, void or cavity material.
 - 2. If the construction type(s) of the building cannot be determined, provide firestopping with fire resistance ratings as specified in the Building Code of New York State, Tables 720.1(1), 720.1(2), 720.1(3), and 302.3.2.
- D. Firestop junctures, control joints, and expansion joints associated with smoke partitions and fire rated construction.
- E. Permanently affix labels every 10 feet along each firestop. Use adhesive compatible with surface construction at firestop location.

3.05 CLEANING

A. Clean off excess fill materials and sealants adjacent to penetrations by methods and cleaning materials recommended by manufacturers of firestopping products and of products in which penetrations occur.

- B. Remove masking tape as soon as practical so as not to disturb the firestopping's bond with substrate.
- C. Protect firestopping during and after curing period from contact with contaminating substances, or damage resulting from adjacent Work.
- D. Cut out and remove damaged or deteriorated firestopping immediately, and install new materials as specified in firestop schedule.

END OF SECTION

SECTION 097710

FRAMED DECORATIVE PANEL SYSTEMS

PART 1 - GENERAL

1.01SUMMARY

- A. Section Includes: Section specifies decorative pre-finished panel with pre-engineered hardware trim system. The mounting of panels is to be executed with adhesive and no exposed fasteners. The division or joinery trim is available in a variety of decorative and functional options.
 - 1. Hardware: Aluminum Main Rails, Cross Splines, and perimeter trim.
 - 2. Panels:
 - a. High-Pressure Laminate (HPL) on fiber board substrate
- B. Products not furnished or installed under this section:
 - 1. Wood Veneer casework.
 - 2. Gypsum board backup.

1.02REFERENCES

- A. American Society for Testing and Materials: Standard Specifications (ASTM)
 - 1. ASTM E 84 Standard Test Method for Surface Burning Characteristics of Building Materials.
- B. Architectural Woodwork Standards as published by the Architectural Woodwork Institute, the Architectural Woodwork Manufacturers Association of Canada, and the Woodwork Institute.
 - 2. Architectural Woodwork Standards Edition 1.

1.03 SUBMITTALS

- A. Product Data: Submit sufficient manufacturer's data to indicate compliance with these specifications, including:
 - 3. Site preparation instructions and recommendations.
 - 4. Storage and handling requirements and recommendations.
 - 5. Installation instructions or methods.
- B. Shop Drawings: As required, submit elevations of each wall showing location of paneling and trim members with respect to all discontinuities in the wall elevation.
- C. Selection Samples: Submit standard samples representing manufacturer's full range of available colors and patterns, as required by extent of project.

- D. Samples for Verification: As required, submit sample for each component and for each exposed finish. Mock-ups may be requested complete with exposed molding and trim samples. Sample to indicate type, finish, and color specified.
 - 1. High-Pressure Laminate (HPL) sample chip by HPL manufacturer of choice. Submit 6" by 10", or manufacturer's standard "jumbo" sample, of each selected pattern or color.
- E. Manufacturers Safety Data Sheets (SDS) for adhesives, or other products as appropriate, are available and can be provided by request prior to material delivery to the site.
- F. Installation and/or maintenance instructions

1.04QUALITY ASSURANCE

- A. Conform to building code requirements for interior finish for smoke and flame spread requirements as tested in accordance with:
 - 1. ASTM E 84 (Method of test for surface burning characteristics of building Materials)
 - 2. Required Rating Class [A] [C].

1.05DELIVERY, STORAGE AND HANDLING

- A. Deliver panels and associated materials factory packaged on strong pallets and properly packaged or protected.
 - 1. Upon delivery carefully inspect all cartons, packages, pallets and protective wrap for damage or material shortage.
 - 2. Open and inspect suspect packages, cartons or wrapped pallets for damage.
- B. Store products in manufacturer's unopened packaging until ready for installation.
 - 1. Maintain plastic or other protective wrap in place during on site handling until ready for installation.
 - 2. Keep panels clean and do not stack panels after removal of protection.
- C. Store and dispose of solvent-based materials, and materials used with solvent-based materials, in accordance with requirements of local authorities having jurisdiction.

1.06PROJECT CONDITIONS

- A. Wood composite panels are subject to the effects of humidity and temperature. Do not use in kitchens, rest rooms, or other high humidity areas.
- B. Partition walls are to be finished and the building completely closed. Walls shall be thoroughly dry and concrete cured and dry before starting installation.
- C. HVAC system should be operable and installation area balanced to normal operating conditions.
- D. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. To ensure product performance, a temperature range of 60°-80°F (16°C-27°C) and a humidity range of 35-55% must be maintained during storage, installation and product life cycle. Do not install products under environmental conditions outside manufacturer's absolute limits.

1.07COORDINATION AND SEQUENCING

- A. Except as specified locate hardware and trim members so that reveals are in line with doors, headers, jambs and other discontinuities in wall.
- B. Vapor barrier shall be used on exterior walls behind backing to discourage warping.
- C. Coordinate with casework manufacturer. When required, deliver material to the fabrication shop.

1.08WARRANTY

A. Standard Warranty: All products shall be warranted to be free from defects for a period of 30 days after installation.

PART 2 - PRODUCTS

2.01 BASIS OF DESIGN PRODUCT

- A. Marlite, 1 Marlite Dr., Dover, OH 4462. Phone: 800-377-1221, Fax: (330) 343-4668 Email: info@marlite.com, website: www.marlite.com.
- B. Product: Surface Systems SIEVA Large Panel Wall System

2.02HARDWARE

- A. Panel Trim Material: Panel Trim: Aluminum profiles in 8' lengths.
 - 1. Reveal
 - a. Horizontal: LP551 Slim Reveal 1/16 inch
 - b. Vertical: LP551 Slim Reveal 1/16 inch
 - 2. Edge and Inside Corner:
 - a. LP570 Edge Cap ½ inch
 - 3. Outside Corner:
 - a. LP560 Outside Corner ½ inch face elements
- B. Hardware and Trim Material:
 - 1. Aluminum Heavy weight extruded aluminum 6063-T5 alloy and factory pre-finished.
 - 1. d. Exposed aluminum: Clear satin anodized

2.03PANELS

- A. Panel Configuration:
 - 1. Face dimensions: As indicated on the drawings.
 - 2. Panel thickness -1/2" thick.
- B. High Pressure Laminate Panels: Vertical grade high pressure plastic laminate adhered to wood fiber substrate.

- 1. Edges Square cut. Panels require field kerf cut for use with LP551 Slim Reveal 1/16-inch Trim.
- 2. Balancing Backer: Kraft paper that does not contribute to or pose additional fire hazard.
- 3. Color and Pattern: Solid 499-BLU CALIFORNIA.

ADHESIVES

C. Marlite Brand C-109 solvent based adhesive or as otherwise approved by manufacturer.

2.04FABRICATION

- A. All framing, panels, hardware and accessories shall be factory finished and ready to install except for field fabrication as required by jobsite and perimeter conditions.
 - 1. Refinish field cut panel edges in accordance with manufacturer's instruction before installation.
 - 2. For all cut-outs, drill corners for a minimum 1/8" radius.

PART 3 - EXECUTION

3.01EXAMINATION

- A. Installer's Examination: Examine conditions under which construction activities of this section are to be performed. Submit written notification to Architect and system manufacturer if such conditions are unacceptable. Beginning erection constitutes installer's acceptance of conditions.
 - 1. Verify substrate is smooth, sound, clean, dry, and free of contaminants and other deleterious materials.
 - 2. Verify backing panels are smooth, solid, and flat and that drywall joints are taped and finished.
 - 3. Verify that walls are primed or sealed before installation begins.
 - 4. Verify mechanical, electrical, and building items affecting work of this section are placed and ready to receive this work.
 - 5. Verify that stud spacing does not exceed 24" on-center.
 - 6. Verify that HVAC systems are operational and building environment is balanced to end use conditions.
- B. Structural walls are to be finished, with building completely closed. Walls shall be thoroughly dry before starting installation.

3.02PREPARATION

- A. Conditioning: Panels must be allowed to acclimate to a balanced environment in the installation location for 72 hours prior to installation.
- B. Protect existing surfaces with drop cloths.
- C. Except as directed by the architectural drawings, before installing, examine panels and arrange to achieve best combination of color, pattern, texture and grain.

D. Ensure HVAC system is operable and installation area is balanced to normal operating conditions before proceeding with installation.

3.03INSTALLATION

- A. Comply with manufacturer's recommended procedures and installation sequence.
 - 1. Assure installed hardware to be straight, plumb and level.
 - 2. Anchor units rigidly and securely in place.
 - 3. Cut sheets to meet existing supports.
- B. Fasten supports and trim using recommended drill-tipped screws anchored into studs or other solid substrate at 16"-inch centers. Where hardware cannot be installed with screws, fasten with adhesive in accordance with the manufacturer's recommendations. Pre-drill holesthrough members and fasten screw flush with flange on aluminum profile. Use die line on extrusions for screw placement guide and fasten securely.
- C. Avoid contamination of the panel faces with adhesives, solvents or cleaners during installation.

3.04CLEANING AND PROTECTION

A. Clean and remove dust and other foreign matter from panel and framing surfaces. Clean finishes in accordance with manufacturer's instructions.

END OF SECTION

SECTION 078400

FIRESTOPPING

PART 1 GENERAL

1.01 REFERENCES

- A. UL 1479 Fire Tests of Through-Penetration Firestops.
- B. ASTM E 814 Method of Fire Tests of Through-Penetration Fire Stops.

1.02 **DEFINITIONS**

- A. UL Fire Resistance Directory: Product directory published yearly, with supplements, by Underwriters Laboratories Inc., containing listings and classifications in effect as of the published date for product categories covered by UL.
- B. Inchcape Directory of Listed Products: Product directory published yearly by Inchcape Testing Services containing listings which reflect certifications granted for materials, products, systems and equipment which have been tested by Inchcape Testing Services to recognized governing standards.
- C. Omega Point Laboratories Listings Directory: Product Directory published yearly by Omega Point Laboratories, Inc. containing listed building products, materials, and assemblies which have been tested by Omega Point Laboratories to recognized governing standards.
- D. Factory Mutual Approval Guide: Product directory published yearly, with supplements, by Factory Mutual Research Corp., containing listed building products, materials, and assemblies which have been tested by Factory Mutual Research Corp., to recognized governing standards.
- E. F Rating: Prohibits flame passage through the system and requires acceptable hose stream test performance.
- F. T Rating: Prohibits flame passage through the system and requires the maximum temperature rise on the unexposed surface of the wall or floor assembly, on the penetrating item and on the fill material not to exceed 325 degrees F above ambient, and requires acceptable hose stream test performance.
- G. Company Field Advisor: An employee of the Company which lists and markets the primary components of the system under their name who is certified in writing by the Company to be technically qualified in design, installation, and servicing of the required products or an employee of an organization certified by the foregoing Company to be technically qualified in design, installation and servicing of the required products. Personnel involved solely in sales do not qualify.

1.03 DESIGN REQUIREMENTS

- A. Devices and materials shall meet the hourly fire resistance ratings required by the Project as determined by UL 1479, or ASTM E 814 and be listed and detailed in the UL Fire Resistance Directory, Inchcape Directory of Listed Products, Factory Mutual Approval Guide, or the Omega Point Laboratories Listings Directory.
 - 1. Exception: Where no listed designs exist that meet the requirements of a specific project condition, submit details and manufacturer's written recommendations for a design meeting the requirements. Include evidence of engineering judgement and extrapolation from listed designs.

1.04 SUBMITTALS

- A. Submittals Package: Submit the following items specified below the same time as a package:
 - 1. Product Data.
 - 2. Samples.
 - 3. Quality Control Submittals.
 - 4. Firestop Schedule.
- B. Product Data: Catalog sheets, specifications and installation instructions for each firestop device and material.
 - 1. Indicate design number for each firestop proposed to be used which is detailed in the UL Fire Resistance Directory, Inchcape Directory of Listed Products, Factory Mutual Approval Guide, or the Omega Point Laboratories Listings Directory.
 - 2. State the specific locations where each firestop system is proposed to be installed.
- C. Samples: One of each product if requested.
- D. Quality Control Submittals:
 - 1. Design Data: Show details and include engineering information and manufacturer's written recommendations required under Design Requirements Article for each proposed firestop if other than a design detailed in the UL Fire Resistance Directory, Inchcape Directory of Listed Products, Factory Mutual Approval Guide, or the Omega Point Laboratories Listings Directory.
 - a. State the specific locations where each firestop is proposed to be installed.
 - 2. Installer's Qualifications Data:
 - a. Name of each person who will be performing the Work and their employer's name, business address and telephone number.
 - b. Names and addresses of 3 similar projects that each person has worked on during the past 5 years.
 - 3. Company Field Advisor Data:
 - a. Name, business address and telephone number of Company Field Advisor secured for the required services.
 - b. Certified statement from the Company listing the qualifications of the Company Field Advisor, and listing of services and each product specifically listed for this Project for which Company Field Advisor is given authorization by the Company to render advice.

- E. Firestop Schedule: Submit schedule itemizing the following:
 - 1. Manufacturer's product reference numbers and/or drawing numbers.
 - 2. UL, Inchcape Testing Services, Factory Mutual Research Corp., or Omega Point Lab design number.
 - 3. Location of firestop material.
 - 4. Penetrating Item Description/Limits: Material, size, insulated or uninsulated, and combustibility.
 - 5. Maximum allowable annular space or maximum size opening.
 - 6. Wall type construction.
 - 7. Floor type construction.
 - 8. Hourly Fire resistance rating of wall or floor.
 - 9. F rating.
 - 10. T rating, if available.

NOTE: Firestop Schedule is for information only, and will not be acted on for approval. Refer to Sample Firestop Schedule bound in Appendix.

1.05 QUALITY ASSURANCE

- A. Installer Qualifications: The persons installing the firestopping and their supervisor shall be personally experienced in firestop work and shall have been regularly employed by a company installing firestopping for a minimum of 3 years.
- B. Pre-Installation Conference: Before the firestop work is scheduled to commence, a conference will be called by the Director's Representative at the Site for the purpose of reviewing the Contract Documents and discussing requirements for the Work. The conference shall be attended by related trade Contractors (if any), their qualified firestopping installers, and associated firestopping manufacturer's Company Field Advisors.
- C. Container/Package Labels: Include manufacturer's name and identifying product number, date of manufacturer, lot number, shelf life (if applicable), qualified testing and inspecting agency classification marking, curing time, and mixing instructions for multi-component materials.
- D. Company Field Advisor: Secure the services of a Company Field Advisor for the following:
 - 1. Render advice regarding suitability of firestopping materials and methods.
 - 2. Assist in completing firestop schedule.
 - 3. Attend pre-installation conference.
- E. Field-Constructed Sample Installations: Prior to installing firestopping, erect sample installations for each type through-penetration firestop system indicated in the Firestop Schedule to verify selections made and to establish standard of quality and performance by which the firestopping work will be judged.
 - 1. Build sample installations to comply with the following requirements, using materials indicated for final installations.
 - a. Locate sample installations on site at locations where directed.

- b. Obtain Director's Representative's acceptance of sample installations before start of firestopping installation.
- c. Retain and maintain sample installations during construction in an undisturbed condition.
- d. Accepted sample installations in an undisturbed condition at time of substantial completion of Project may become part of completed firestopping work.

1.06 DELIVERY, STORAGE, AND HANDLING

- A. Deliver firestopping materials to the Site in original, new unopened containers or packages bearing manufacturer's printed labels.
- B. Store and handle firestopping materials to prevent deterioration or damage due to moisture, temperature changes, contaminants, etc.

1.07 PROJECT CONDITIONS

- A. Environmental Requirements:
 - 1. Temperature: Do not install firestopping materials when ambient or substrate temperatures are outside limits permitted by manufacturer of firestopping materials.
 - 2. Humidity and Moisture: Do not install the Work of this Section under conditions that are detrimental to the application, curing, and performance of the materials.
 - 3. Ventilation: Provide sufficient ventilation wherever firestopping materials are installed in enclosed spaces. Follow manufacturer's recommendations.

1.08 SEQUENCING AND SCHEDULING

A. Leave exposed those firestopping installations that are to be concealed behind other construction until the Director's Representative has examined each installation.

PART 2 PRODUCTS

2.01 FIRESTOPPING-GENERAL

- A. Through-Penetration Firestop Devices, Forming Materials, And Fill, Void or Cavity Materials: As listed in the UL Fire Resistance Directory, Inchcape Directory of Listed Products, Factory Mutual Approval Guide, or the Omega Point Laboratories Listings Directory.
 - 1. For firestopping exposed to moisture, furnish products that do not deteriorate when exposed to this condition.
 - 2. For firestopping systems exposed to view, furnish products with flame-spread values of less than 25 and smoke developed values less than 50, as determined per ASTM E 84.

- B. Accessories: Components required to install fill materials as recommended by the firestopping manufacturer for particular approved fire rated system.
- C. Identification Labels:
 - 1. Furnished by fire stopping manufacturer of suitable material for permanent field identification of through-penetration firestops.
 - 2. Identify the following:
 - a. "WARNING FIRESTOP MATERIAL".
 - b. Company Name.
 - c. Product Catalog number.
 - d. F rating.
 - e. T rating, if available.
 - 3. Field fabricated labels are not acceptable.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Examine existing through-penetrations of floors, walls, partitions, ceilings and roofs in the Work areas.
- B. Where firestopping is missing or not intact, submit a written report to the Director's Representative describing the existing conditions.

3.02 PREPARATION

- A. Clean out openings immediately before installation of through-penetration firestopping. Comply with recommendations of firestopping manufacturer and the following requirements:
 - 1. Remove foreign materials from surfaces of openings, and from penetrating items that could interfere with adhesion of firestopping.
 - 2. Clean opening and penetrating items to produce clean, sound surfaces capable of developing optimum bond with firestopping. Remove loose particles remaining from cleaning operation.
 - 3. Remove laitance and form release agents from concrete.

B. Protection:

1. Protect surfaces adjacent to through-penetration firestops with non-staining removable masking tape or other suitable covering to prevent firestopping from contacting adjoining surfaces that will remain exposed upon completion of Work and that would otherwise be permanently stained or damaged by such contact or that would be caused by cleaning methods used to remove smears from firestopping materials.

C. Substrate Priming:

- 1. Prime substrates in accordance with the firestopping manufacturer's printed installation instructions using recommended products and methods.
- 2. Do not allow primer to spill or migrate onto adjoining exposed surfaces.

3.03 INSTALLATION OF THROUGH PENETRATION FIRESTOPS

- A. Use through-penetration firestop devices, forming materials, and fill, void or cavity materials to form through-penetration firestops to prevent the passage of flame, and limit temperature rise of the unexposed surface as detailed in the UL Fire Resistance Directory, Inchcape Directory of Listed Products, Factory Mutual Approval Guide, or the Omega Point Laboratories Listings Directory.
 - 1. Where applicable design is not detailed in the Directories, use forming materials and fill, void or cavity material to form through-penetration firestop in accordance with approved printed details and installation instructions from the company producing the forming materials and fill, void or cavity material.
 - 2. If the construction type(s) of the building cannot be determined, provide firestopping with fire resistance ratings as specified in the Building Code of New York State, Tables 720.1(1), 720.1(2), 720.1(3), and 302.3.2.
- B. Provide through-penetration firestop systems with F ratings which shall equal or exceed the fire resistance rating of the penetrated building construction.
- C. Provide through-penetration firestop systems with T ratings, in addition to F ratings, at floors where the following conditions exist:
 - 1. Where firestop systems protect penetrations located outside the wall cavities.
 - 2. Where firestop systems protect penetrations located outside fire resistive shaft enclosures.
 - 3. Through-penetration firestop systems protecting floor penetrations require a T-rating of at least 1 hour, but not less than the required floor fire-resistance rating.
- D. Firestop through-penetrations of floors, walls, partitions, ceilings, and roofs.
- E. Firestop through-penetrations associated with the new Work.
- F. In areas where through-penetration items have been installed before the construction work, firestop the through-penetration items after the construction work has been completed. Furnish drawings or written information to the Construction Work Contractor covering the provisions to be made in the construction work to enable firestopping of the through-penetration items.
- G. Permanently affix label at each firestop. Use adhesive compatible with surface construction at firestop location.

3.04 CLEANING

- A. Clean off excess fill materials and sealants adjacent to penetrations by methods and cleaning materials recommended by manufacturers of firestopping products and of products in which penetrations occur.
- B. Remove masking tape as soon as practical so as not to disturb the firestopping's bond with substrate.

- C. Protect firestopping during and after curing period from contact with contaminating substances, or damage resulting from adjacent Work.
- D. Cut out and remove damaged or deteriorated firestopping immediately, and install new materials as specified in firestop schedule.

END OF SECTION

SECTION 260519

WIRING, GENERAL - 600 VOLTS AND UNDER

PART 1 GENERAL

1.01 SUBMITTALS

A. Product Data: Catalog sheets, specifications and installation instructions.

1.02 PRODUCT DELIVERY

- A. Mark and tag insulated conductors and cables for delivery to the site. Include:
 - 1. Contractor's name.
 - 2. Project title and number.
 - 3. Date of manufacture (month & year).
 - 4. Manufacturer's name.
 - 5. Data which explains the meaning of coded identification (UL assigned electrical reference numbers, UL assigned combination of color marker threads, etc.).
 - 6. Environmental suitability information (listed or marked "sunlight resistant" where exposed to direct rays of sun; wet locations listed/marked for use in wet locations; other applications listed/marked suitable for the applications).

PART 2 PRODUCTS

2.01 INSULATED CONDUCTORS AND CABLES

- A. Date of Manufacture: No insulated conductor more than one year old when delivered to the site will be acceptable.
- B. Acceptable Companies: General Cable Corporation., Cerro Wire & Cable Co. Inc., Prysmian Cables & Systems, or Southwire Co.
- C. Conductors: Annealed uncoated copper or annealed coated copper in conformance with the applicable standards for the type of insulation to be applied on the conductor. Conductor sizes No. 8 and larger shall be stranded.
- D. Types:
 - 1. Electric Light and Power Wiring:
 - a. General: Rated 600V, NFPA 70 Type THHN/THWN-2 or XHHW-2.
 - b. THHN/THWN-2 Gasoline and Oil Resistant: Polyvinylchloride insulation rated 600 V with nylon jacket conforming to UL requirements for type THHN/THWN-2 insulation, with the words "GASOLINE AND OIL RESISTANT II" marked thereon.

- c. Metal-Clad Cable, NFPA 70 Article 330 Type MC:
 - 1) Interlocked flexible galvanized steel armor sheath, conforming to UL requirements for type MC metal clad cable.
 - 2) Insulated copper conductors, suitable for 600 volts, rated 90°C, one of the types listed in NFPA 70 Table 310.13(A) or of a type identified for use in Type MC cable.
 - 3) Internal full size copper ground conductor with green insulation.
 - 4) Acceptable Companies: AFC Cable Systems Inc., Southwire, General Cable.
 - 5) Connectors for MC cable: AFC Fitting Inc.'s AFC Series, Arlington Industries Inc.'s Saddle grip, or Thomas & Betts Co.'s Tite-Bite with anti-short bushings.

2. Class 1 Wiring:

- a. No. 18 and No. 16 AWG: Insulated copper conductors suitable for 600 volts, NFPA 70 types KF-2, KFF-2, PAFF, PF, PFF, PGF, PGFF, PTFF, SF-2, SFF-2, TF, TFF, TFN, TFFN, ZF, or ZFF.
- b. Larger than No. 16 AWG: Insulated copper conductors suitable for 600 volts, in compliance with NFPA 70 Article 310.
- c. Conductor with other types and thickness of insulation may be used if listed for Class 1 circuit use.

3. Class 2 Wiring:

- a. Multiconductor Cables: NFPA 70 Article 725, Types CL2P, CL2R, CL2.
- b. Other types of cables may be used in accordance with NFPA 70 Table 725.154(G) "Cable Substitutions", as approved.
- 4. Class 3 Wiring:
 - a. Single Conductors No. 18 and No. 16 AWG: Same as Class 1 No. 18 and No. 16 AWG conductors except that:
 - 1) Conductors are also listed as CL3.
 - 2) Voltage rating not marked on cable except where cable has multiple listings and voltage marking is required for one or more of the listings.
 - b. Multiconductor Cables: NFPA 70 Article 725, Types CL3P, CL3R, CL3.
 - c. Other types of cables may be used in accordance with NFPA 70, Table 725.154(G) "Cable Substitutions", as approved.

2.02 CONNECTORS

A. General:

- 1. Connectors specified are part of a system. Furnish connectors and components, and use specific tools and methods as recommended by connector manufacturer to form complete connector system.
- 2. Connectors shall be UL 486 A listed, or UL 486 B listed for combination

dual rated copper/aluminum connectors (marked AL7CU for 75 degrees C rated circuits and AL9CU for 90 degrees C rated circuits).

B. Splices:

- 1. Spring Type:
 - a. Rated 105° C, 600V; Buchanan/Ideal Industries Inc.'s B-Cap, Electrical Products Div./3M's Scotchlok Type Y, R, G, B, O/B+, R/Y+, or B/G+, or Ideal Industries Inc.'s Wing Nuts or Wire Nuts.
 - b. Rated 150° C, 600V; Ideal Industries Inc.'s High Temperature Wire-Nut Model 73B, 59B.
- 2. Indent Type with Insulating Jacket:
 - a. Rated 105° C, 600V; Buchanan/Ideal Industries Inc.'s Crimp Connectors, Ideal Industries Inc.'s Crimp Connectors, Penn-Union Corp.'s Penn-Crimps, or Thomas & Betts Corp.'s STA-KON.
- 3. Indent Type (Uninsulated): Anderson/Hubbell's Versa-Crimp, VERSAtile, Blackburn/T&B Corp.'s Color-Coded Compression Connectors, Electrical Products Div./3M's Scotchlok 10000, 11000 Series, Burndy's Hydent, Penn-Union Corp.'s BCU, BBCU Series, or Thomas & Betts Corp.'s Compression Connectors.
- 4. Connector Blocks: NIS Industires Inc.'s Polaris System, or Thomas & Betts Corp.'s Blackburn AMT Series.
- 5. Resin Splice Kits: Electrical Products Div./3M's Scotchcast Brand Kit Nos. 82A Series, 82-B1 or 90-B1, or Scotchcast Brand Resin Pressure Splicing Method.
- 6. Heat Shrinkable Splices: Electrical Products Div./3M's ITCSN, Raychem Corp.'s Thermofit Type WCS, or Thomas & Betts Corp.'s SHRINK-KON Insulators.
- 7. Cold Shrink Splices: Electrical Products Div./3M's 8420 Series.
- C. Terminals: Nylon insulated pressure terminal connectors by Amp-Tyco/Electronics, Electrical Products Div./3M, Burndy, Ideal Industries Inc., Panduit Corp., Penn-Union Corp., Thomas & Betts Corp., or Wiremold Co.

D. Lugs:

- Single Cable (Compression Type Lugs): Copper, one or 2 hole style (to suit conditions), long barrel; Anderson/Hubbell's VERSAtile VHCL, Blackburn/T&B Corp.'s Color-Coded CTL, LCN, Burndy's Hylug YA, Electrical Products Div./3M Scotchlok 31036 or 31145 Series, Ideal Industries Inc.'s CCB or CCBL, NSI Industries Inc.'s L, LN Series, Penn-Union Corp.'s BBLU Series, or Thomas & Betts Corp.'s 54930BE or 54850BE Series.
- 2. Single Cable (Mechanical Type Lugs): Copper, one or 2 hole style (to suit conditions); Blackburn/T&B Corp.'s Color-Keyed Locktite Series, Burndy's Qiklug Series, NSI Industries Inc.'s Type TL, Penn-Union Corp.'s VI-TITE Terminal Lug Series, or Thomas & Betts Corp.'s Locktite Series.
- 3. Multiple Cable (Mechanical Type Lugs): Copper, configuration to suit conditions; Burndy's Qiklug Series, NSI Industries Inc.'s Type TL, Penn-Union Corp.'s VI-TITE Terminal Lug Series, or Thomas & Betts Corp.'s

Color-Keyed Locktite Series.

2.03 TAPES

- A. Insulation Tapes:
 - 1. Plastic Tape: Electrical Products Div./3M's Scotch Super 33+ or Scotch 88, Plymouth Rubber Co.'s Plymouth/ Bishop Premium 85CW.
 - 2. Rubber Tape: Electrical Products Div./3M's Scotch 130C, or Plymouth Rubber Co.'s Plymouth/Bishop W963 Plysafe.
- B. Moisture Sealing Tape: Electrical Products Div./3M's Scotch 2200 or 2210, or Plymouth Rubber Co.'s Plymouth/Bishop 4000 Plyseal-V.
- C. Electrical Filler Tape: Electrical Products Div./3M's Scotchfil, or Plymouth Rubber Co.'s Plymouth/Bishop 125 Electrical Filler Tape.
- D. Color Coding Tape: Electrical Products Div./3M's Scotch 35, or Plymouth Rubber Co.'s Plymouth/Bishop Premium 37 Color Coding.

2.04 WIRE-PULLING COMPOUNDS

A. To suit type of insulation; American Polywater Corp.'s Polywater Series, Electric Products Div./3M's WL, WLX, or WLW, Greenlee Textron Inc.'s, Cable Cream, Cable Gel, Winter Gel, Ideal Industries Inc.'s Yellow 77, Aqua-Gel II, Agua-Gel CW, or Thomas & Betts Corp.'s Series 15-230 Cable Pulling Lubricants, or Series 15-631 Wire Slick.

2.05 TAGS

- A. Precision engrave letters and numbers with uniform margins, character size minimum 3/16 inches high.
 - 1. Phenolic: Two color laminated engraver's stock, 1/16 inch minimum thickness, machine engraved to expose inner core color (white).
 - 2. Aluminum: Standard aluminum alloy plate stock, minimum .032 inches thick, engraved areas enamel filled or background enameled with natural aluminum engraved characters.

2.06 WIRE MANAGEMENT PRODUCTS

A. Cable Clamps and Clips, Cable Ties, Spiral Wraps, etc: Catamount/T&B Corp., or Ideal Industries Inc.

PART 3 EXECUTION

3.01 INSTALLATION

A. Install conductors in raceways after the raceway system is completed. Exceptions: Type MC, or other type specifically indicated on the drawings not to be installed in

raceways.

B. No grease, oil, or lubricant other than wire-pulling compounds specified may be used to facilitate the installation of conductors.

3.02 CIRCUITING

A. Do not change, group or combine circuits other than as indicated on the drawings.

3.03 COMMON NEUTRAL CONDUCTOR

- A. A common neutral may be used for 2 or 3 branch circuits where the circuits are indicated on the drawings to be enclosed within the same raceway, provided each branch circuit is connected to different phase busses in the panelboard.
- B. Exceptions The following circuits shall have a separate neutral:
 - 1. Circuits containing ground fault circuit interrupter devices.
 - 2. Circuits containing solid state dimmers.
 - 3. Circuits recommended by equipment manufacturers to have separate neutrals.

3.04 CONDUCTOR SIZE

- A. Conductor Size:
 - 1. For Electric Light and Power Branch Circuits: Install conductors of size shown on drawings. Where size is not indicated, the minimum size allowed is No. 12 AWG.
 - 2. For Class 1 Circuits:
 - a. No. 18 and No. 16 AWG may be used provided they supply loads that do not exceed 6 amps (No. 18 AWG), or 8 amps (No. 16 AWG).
 - b. Larger than No. 16 AWG: Use to supply loads not greater than the ampacities given in NFPA 70 Section 310.15.
 - 3. For Class 2 Circuits: Any size to suit application.
 - 4. For Class 3 Circuits: Minimum No. 18 AWG.

3.05 COLOR CODING

- A. Color Coding for 120/208 Volt Electric Light and Power Wiring:
 - 1. Color Code:
 - a. 2 wire circuit black, white.
 - b. 3 wire circuit black, red, white.
 - c. 4 wire circuit black, red, blue, white.
 - 2. White to be used only for an insulated grounded conductor (neutral). If neutral is not required use black and red, or black, red and blue for phase to phase circuits.
 - a. "White" for Sizes No. 6 AWG or Smaller:
 - 1) Continuous white outer finish, or:
 - 2) Three continuous white stripes on other than green

- insulation along its continuous length.
- b. "White" for Sizes Larger Than No. 6 AWG:
 - 1) Continuous white outer finish, or:
 - 2) Three continuous white stripes on other than green insulation along its continuous length, or:
 - 3) Distinctive white markings (color coding tape) encircling the conductor, installed on the conductor at time of its installation. Install white color coding tape at terminations, and at 1' 0" intervals in gutters, pullboxes, and manholes.
- 3. Colors (Black, Red, Blue):
 - a. For Branch Circuits: Continuous color outer finish.
 - b. For Feeders:
 - 1) Continuous color outer finish, or:
 - 2) Color coding tapes encircling the conductors, installed on the conductors at time of their installation. Install color coding tapes at terminations, and at 1' 0" intervals in gutter, pullboxes, and manholes.
- B. More Than One Nominal Voltage System Within A building: Permanently post the color coding scheme at each branch-circuit panelboard.
- C. Existing Color Coding Scheme: Where an existing color coding scheme is in use, match the existing color coding if it is in accordance with the requirements of NFPA 70.
- D. Color Code For Wiring Other Than Electric Light and Power: In accordance with ICEA standard S-73-532 (NEMA WC57-2004). Other coding methods may be used, as approved.

3.06 IDENTIFICATION

- A. Identification Tags: Use tags to identify feeders and designated circuits. Install tags so that they are easily read without moving adjacent feeders or requiring removal of arc proofing tapes. Attach tags with non-ferrous wire or brass chain.
 - 1. Interior Feeders: Identify each feeder in pullboxes and gutters. Identify by feeder number and size.
- B. Identification Plaque: Where a building or structure is supplied by more than one service, or has any combination of feeders, branch circuits, or services passing through it, install a permanent plaque or directory at each service, feeder and branch circuit disconnect location denoting all other services, feeders, or branch circuits supplying that building or structure or passing through that building or structure and the area served by each.

3.07 WIRE MANAGEMENT

A. Use wire management products to bundle, route, and support wiring in junction boxes, pullboxes, wireways, gutters, channels, and other locations where wiring is

accessible.

3.08 EQUIPMENT GROUNDING CONDUCTOR

- A. Install equipment grounding conductor:
 - 1. Where specified in other Sections or indicated on the drawings.
 - 2. In conjunction with circuits recommended by equipment manufacturers to have equipment grounding conductor.
- B. Equipment grounding conductor is not intended as a current carrying conductor under normal operating circumstances.
- C. Color Coding For Equipment Grounding Conductor:
 - 1. Color Code: Green.
 - 2. "Green" For sizes No. 6 AWG or Smaller:
 - a. Continuous green outer finish, or:
 - b. Continuous green outer finish with one or more yellow stripes, or:
 - c. Bare copper (see exception below).
 - 3. "Green" For Sizes Larger Than No. 6:
 - a. Stripping the insulation or covering from the entire exposed length (see exception below).
 - b. Marking the exposed insulation or covering with green color coding tapes.
 - c. Identify at each end and at every point where the equipment grounding conductor is accessible.

3.09 INSULATED CONDUCTOR AND CABLE SCHEDULE - TYPES AND USE

- A. Electric Light and Power Circuits:
 - 1. Type THHN/THWN-2 or XHHW-2.: Wiring in dry or damp locations (except where special type insulation is required).
 - 2. THHN/THWN-2, XHHW-2, or USE-2: Wiring in wet locations (except where type USE-2 insulated conductors are specifically required, or special type insulation is required).
 - 3. THHN/THWN-2: Wiring installed in existing raceway systems (except where special type insulation is required).
 - 4. MC:
 - a. Branch circuit wiring in wood framed construction (wood joists and wood stud partitions):
 - 1) Install conductors parallel with joists or studs and attach to the side of these timbers by galvanized straps spaced not more than 6 feet apart.
 - 2) Install conductors through holes bored in the center of the timbers when running at right angles to joists or studs.
 - 3) Do not attach the conductors to the edge of joists or studs.
 - b. Branch circuit wiring in movable metal partitions and movable gypsum partitions.
 - 1) Install conductors in accordance with partition manufacturer's recommendations.

- c. Branch circuit wiring in metal stud partitions:
 - 1) Install conductors parallel with studs and attach to the side by galvanized straps spaced not more than 6 feet apart.
 - 2) Install conductors through holes bored in the center of the metal member when running at right angles to studs.
 - a) Conductors shall be protected by listed bushings or listed grommets covering all metal edges.
 - 3) Do not attach the conductors to the edge of studs.
- d. Only use as final conduit connection to receptacles in suspended ceilings. Minimum size to be ³/₄" conduit and max 4-6' between junction box and fixture. Junction box to be located at least 1' from fixture and accessible if the fixture is removed.
- B. Class 1 Circuits: Use Class 1 wiring specified in Part 2 (except where special type insulation is required).
- C. Class 2 Circuits: Use Class 2 wiring specified in Part 2 (except where special type insulation is required).
- D. Class 3 Circuits: Use Class 3 wiring specified in Part 2 (except where special type insulation is required).

3.10 CONNECTOR SCHEDULE - TYPES AND USE

- A. Temperature Rating: Use connectors that have a temperature rating, equal to, or greater than the temperature rating of the conductors to which they are connected.
- B. Splices:
 - 1. Dry Locations:
 - a. For Conductors No. 8 AWG or Smaller: Use spring type pressure connectors, indent type pressure connectors with insulating jackets, or connector blocks (except where special type splices are required).
 - b. For Conductors No. 6 AWG or Larger: Use connector blocks or uninsulated indent type pressure connectors. Fill indentions in uninsulated connectors with electrical filler tape and apply insulation tape to insulation equivalent of the conductor, or insulate with heat shrinkable splices or cold shrink splices.
 - 2. Damp Locations: As specified for dry locations, except apply moisture sealing tape over the entire insulated connection (moisture sealing tape not required if heat shrinkable splices or cold shrink splices are used).
 - 3. Wet Locations: Use uninsulated indent type pressure connectors and insulate with resin splice kits, cold shrink splices or heat shrinkable splices. Exception: Splices above ground which are totally enclosed and protected in NEMA 3R, 4, 4X enclosures may be spliced as specified for damp locations.

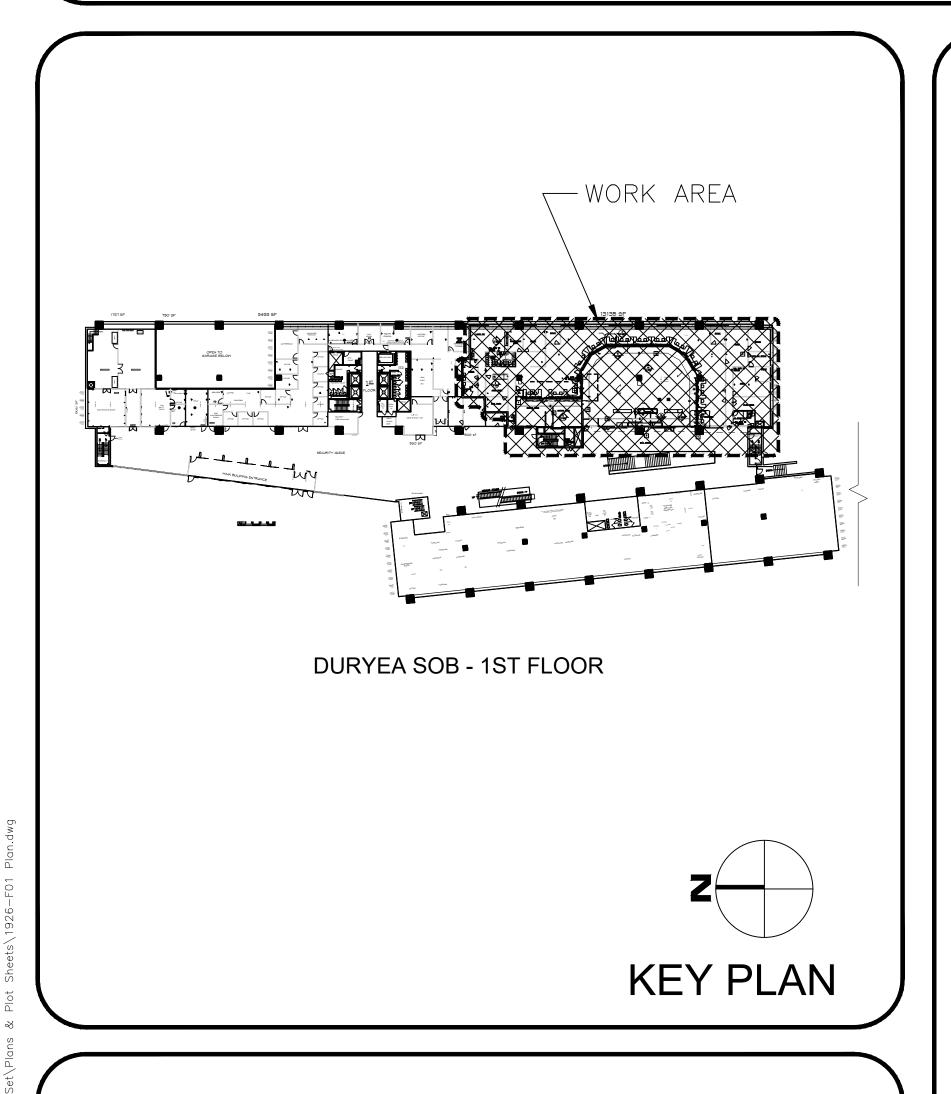
C. Terminations:

- 1. For Conductors No. 10 AWG or Smaller: Use terminals for:
 - a. Connecting wiring to equipment designed for use with terminals.
- 2. For Conductors No. 8 AWG or Larger: Use compression or mechanical type lugs for:
 - a. Connecting cables to flat bus bars.
 - b. Connecting cables to equipment designed for use with lugs.
- 3. For Conductor Sizes Larger Than Terminal Capacity On Equipment: Reduce the larger conductor to the maximum conductor size that terminal can accommodate (reduced section not longer than one foot). Use compression or mechanical type connectors suitable for reducing connection.

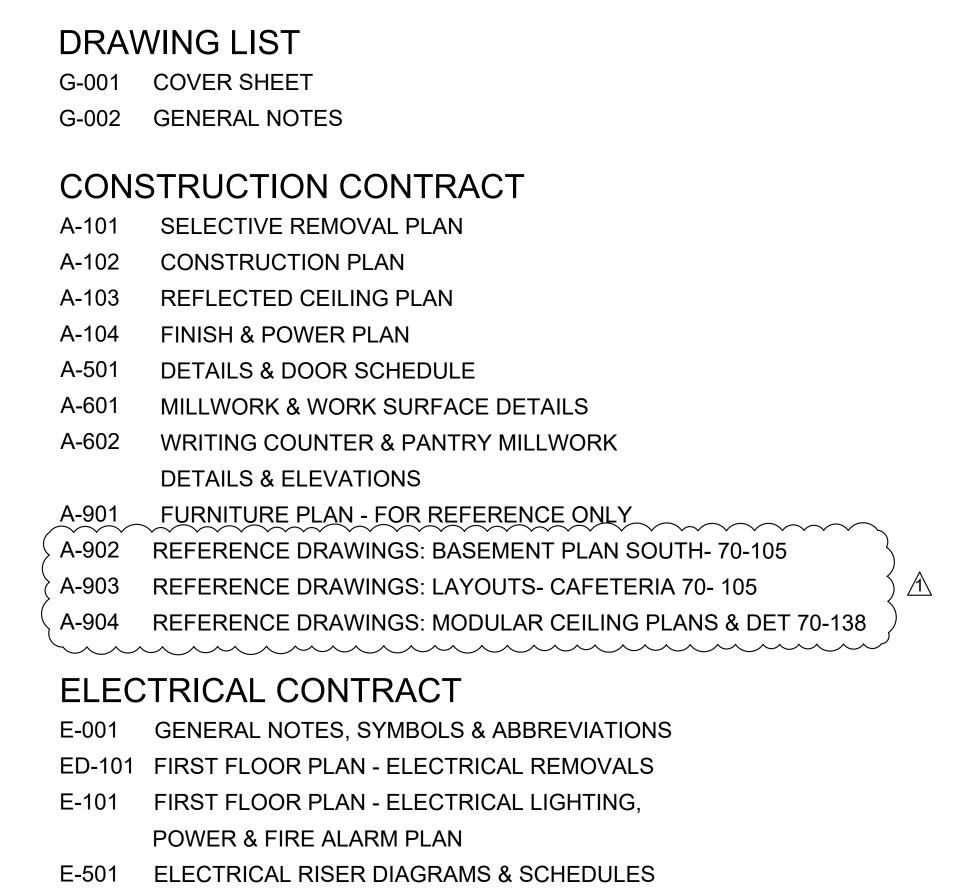
END OF SECTION

PROVIDE OFFICE RENOVATIONS DMV LEASE, HAUPPAUGE 250 VETERAN'S HIGHWAY HAUPPAUGE NY O.G.S. PROJECT NOS. 46082-C, E

100% CD 11-29-2021



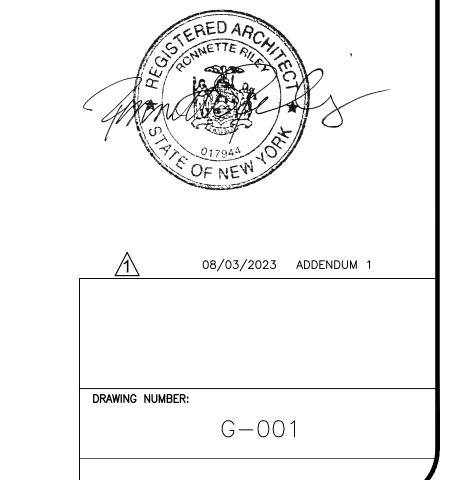




E-701 ELECTRICAL DETAILS

E-801 REFERENCE DRAWINGS: ELECTRICAL

BASEMENT LIGHTING SQUTH 70-4002



APPLICABILITY (302.1):

REPAIRS SHALL COMPLY WITH REQUIREMENTS OF CHAPTER 4.

ALTERATION, ADDITION OR CHANGE OF OCCUPANCY (301.3): NA THE ALTERATION, ADDITION OR CHANGE OF OCCUPANCY OF ALL EXISTING BUILDINGS SHALL COMPLY WITH ONE OF THE METHODS LISTED IN SECTION 301.3.1, 301.3.2 OR 301.3.3 AS SELECTED BY THE APPLICANT. SECTION 301.3.1 THROUGH 301.3.3 SHALL NOT BE APPLIED IN COMBINATION WITH EACH OTHER.

PRESCRIPTIVE COMPLIANCE METHOD (301.3.1): NA

WORK AREA COMPLIANCE METHOD (301.3.2): THIS METHOD IS USED FOR THIS

ALTERATIONS, ADDITIONS AND CHANGES OF OCCUPANCY COMPLYING WITH APPLICABLE REQUIREMENTS OF CHAPTER 6 THROUGH 12 OF THIS CODE SHALL BE CONSIDERED IN COMPLIANCE WITH THE PROVISIONS OF THIS CODE.

PERFORMANCE COMPLIANCE METHOD (301.3.3): NA

COMPLIANCE WITH ACCESSIBILITY (301.5): THIS PROJECT COMPLIES WITH THIS SECTION ACCESSIBILITY REQUIREMENTS FOR EXISTING BUILDINGS SHALL COMPLY WITH THE 2009 EDITION OF ICC A117.1.

GENERAL PROVISIONS (302): THIS PROJECT COMPLIES WITH THIS SECTION (302.2 THROUGH

THE PROVISION OF SECTION 302 APPLY TO ALL ALTERATIONS, REPAIRS, ADDITIONS, RELOCATION OF STRUCTURES AND CHANGE OF OCCUPANCY REGARDLESS OF COMPLIANCE METHOD.

ACCESSIBILITY FOR EXISTING BUILDINGS (305):THIS PROJECT COMPLIES WITH THIS SECTION (305.2 THROUGH 305.10). SCOPE (305.1):

THE PROVISIONS OF SECTION 305.1 THROUGH 305.9 APPLY TO MAINTENANCE, CHANGE OF OCCUPANCY, ADDITIONS AND ALTERATIONS TO EXISTING BUILDINGS, INCLUDING THOSE IDENTIFIED AS HISTORIC BUILDINGS.

CHAPTER 6 CLASSIFICATION OF WORK

THE PROVISIONS OF THIS CHAPTER SHALL BE USED IN CONJUNCTION WITH CHAPTER 7 THROUGH 12 AND SHALL APPLY TO THE ALTERATION, ADDITION AND CHANGE OF OCCUPANCY OF EXISTING STRUCTURES, INCLUDING HISTORIC AND MOVED STRUCTURES, AS REFERENCED IN SECTION 301.3.2. THE WORK PERFORMED ON AN EXISTING BUILDING SHALL BE CLASSIFIED IN ACCORDANCE WITH THIS CHAPTER.

ALTERATION - LEVEL 1 (602): COMPLIES WITH THIS SECTION.

LEVEL 1 ALTERATIONS INCLUDE THE REMOVAL AND REPLACEMENT OR THE COVERING OF EXISTING MATERIALS, ELEMENTS, EQUIPMENT, OR FIXTURES USING NEW MATERIALS, ELEMENTS, EQUIPMENT, OR FIXTURES THAT SERVE THE SAME PURPOSE.

LEVEL 1 ALTERATIONS SHALL COMPLY WITH THE PROVISIONS OF CHAPTER 7.

ALTERATION - LEVEL 2 (603): THIS PROJECT FALLS IN THIS CATEGORY. SCOPE (603.1):

LEVEL 2 ALTERATIONS INCLUDE THE RECONFIGURATION OF SPACE, THE ADDITION OR ELIMINATION OF ANY DOOR OR WINDOW, THE RECONFIGURATION OR EXTENSION OF ANY SYSTEM, OR THE INSTALLATION OF ANY ADDITIONAL EQUIPMENT.

APPLICATION(603.2):

LEVEL 2 ALTERATIONS SHALL COMPLY WITH THE PROVISIONS OF CHAPTER 7 FOR LEVEL 1 ALTERATIONS AS WELL AS THE PROVISIONS OF CHAPTER 8.

ALTERATION - LEVEL 3 (604): DOES NOT APPLY TO THIS PROJECT.

LEVEL 3 ALTERATIONS APPLY WHERE THE WORK AREA EXCEEDS 50 PERCENT OF THE AGGREGATE AREA OF THE BUILDING.

APPLICATION(604.2):

LEVEL 3 ALTERATIONS SHALL COMPLY WITH THE PROVISIONS OF CHAPTERS 7 AND 8 FOR LEVEL 1 AND 2 ALTERATIONS, RESPECTIVELY, AS WELL AS THE PROVISIONS OF CHAPTER 9.

CHANGE OF OCCUPANCY (605): NO CHANGE OF OCCUPANCY.

PREVIOUS USE: BUSINESS PROPOSED USE: BUSINESS

ADDITIONS (606): NO ADDITIONS PROPOSED

ADDITIONS TO EXISTING BUILDINGS SHALL COMPLY WITH THE PROVISIONS OF CHAPTER 11

HISTORIC BUILDINGS (607):DOES NOT APPLY

RELOCATED BUILDINGS (608):DOES NOT APPLY

CHAPTER 7 ALTERATIONS LEVEL 1: COMPLIES WITH THIS SECTION.

LEVEL 1 ALTERATIONS AS DESCRIBED IN SECTION 602 SHALL COMPLY WITH THE REQUIREMENTS OF THIS CHAPTER. LEVEL 1 ALTERATIONS TO HISTORIC BUILDINGS SHALL COMPLY WITH CHAPTER, EXCEPT AS MODIFIED IN CHAPTER 12.

BUILDING ELEMENTS AND MATERIALS (702)

INTERIOR FINISHES (702.1): NEWLY INSTALLED INTERIOR WALL AND CEILING FINISHES SHALL COMPLY WITH CHAPTER 8 OF THE BUILDING CODE OF NEW YORK STATE.

INTERIOR FLOOR FINISH (702.2):

NEW INTERIOR FLOOR FINISH, INCLUDING NEW CARPETING USED AS AN INTERIOR FLOOR FINISH MATERIAL SHALL COMPLY WITH SECTION 804 OF THE BUILDING CODE OF NEW YORK

INTERIOR TRIM FINISH (702.3):

NEWLY INSTALLED INTERIOR TRIM MATERIALS SHALL COMPLY WITH SECTION 806 OF THE BUILDING CODE OF NEW YORK STATE.

MATERIALS AND METHODS (702.6):

NEW WORK SHALL COMPLY WITH THE MATERIALS AND METHODS REQUIREMENTS IN THE BUILDING CODE, ENERGY CONVERSATION CONSTRUCTION, PLUMBING & MECHANICAL CODE OF NEW YORK STATE, AS APPLICABLE, THAT SPECIFY MATERIAL STANDARDS, DETAIL OF INSTALLATION AND CONNECTION, JOINTS PENETRATIONS, AND CONTINUITY OF ANY ELEMENT, COMPONENT, OR SYSTEM IN THE BUILDING.

GENERAL (703.1): ALTERATIONS SHALL BE DONE IN A MANNER THAT MAINTAINS THE LEVEL OF FIRE PROTECTION PROVIDED PROVIDED.

CONTINUED FROM BELOW.....

MEANS OF EGRESS (704):

GENERAL (704.1): ALTERATIONS SHALL BE DONE IN A MANNER THAT MAINTAINS THE LEVEL OF PROTECTION PROVIDED FOR THE MEANS OF EGRESS.

STRUCTURAL (706):

GENERAL (706.1) WHERE ALTERATION WORK INCLUDES REPLACEMENT OF EQUIPMENT THAT IS SUPPORTED BY THE BUILDING OR WHERE A REROOFING PERMIT IS REQUIRED, THE PROVISIONS OF THIS SECTION SHALL APPLY.

ENERGY CONSERVATION (707):

MINIMUM REQUIREMENTS (707.1):LEVEL 1 ALTERATIONS TO EXISTING BUILDINGS OR STRUCTURES DO NOT REQUIRE THE ENTIRE BUILDING OR STRUCTURE TO COMPLY WITH ENERGY REQUIREMENTS OF THE ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE. THE ALTERATIONS SHALL CONFIRM TO THE ENERGY REQUIREMENTS OF THE ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE.

PLUMBING (708):

WATER CLOSET REPLACEMENT (708.1):WHEN ANY WATER CLOSET IS REPLACED, THE REPLACEMENT WATER CLOSET SHALL COMPLY WITH SECTION 604.4 OF THE PLUMBING CODE OF NEW YORK STATE.

CHAPTER 8 ALTERATIONS - LEVEL 2: THIS PROJECT COMPLIES WITH THIS CHAPTER.

GENERAL (801):

SCOPE (801.1): LEVEL 2 ALTERATIONS AS DESCRIBED IN SECTION 603 SHALL COMPLY WITH THE REQUIREMENTS OF THIS CHAPTER.

EXCEPTION: BUILDINGS IN WHICH THE RECONFIGURATION IS EXCLUSIVELY THE RESULT OF COMPLIANCE WITH THE ACCESSIBILITY REQUIREMENTS OF SECTION 305,7 SHALL BE PERMITTED TO COMPLY WITH CHAPTER 7.

ALTERATION LEVEL 1 COMPLIANCE (801.2):

THE REQUIREMENTS OF THE BUILDING CODE OF NEW YORK STATE.

IN ADDITION TO THE REQUIREMENTS OF THIS CHAPTER, ALL WORK SHALL COMPLY WITH THE REQUIREMENTS OF CHAPTER 7.

COMPLIANCE (801.3):

NEW CONSTRUCTION ELEMENTS, COMPONENTS, SYSTEMS, AND SPACES SHALL COMPLY WITH

INTERIOR FINISH (802.4):

THE INTERIOR FINISH OF WALLS AND CEILINGS IN EXITS AND CORRIDORS IN ANY WORK AREA SHALL COMPLY WITH THE REQUIREMENTS OF THE BUILDING CODE OF NEW YORK STATE.

INTERIOR WALL AND CEILING FINISH REQUIREMENTS BY OCCUPANCY (TABLE 803.13)						
2. 2	SPRINKLERED		NON-SPRINKLERED			
□CCUPANCY/ GR□UP	INTERIOR EXIT STAIRWAYS AND RAMPS AND EXIT PASSAGEWAYS	CORRIDORS AND ENCLOSURE FOR EXIT ACCESS STAIRWAYS AND RAMPS	RDDMS AND ENCLOSED SPACES	INTERIOR EXIT STAIRWAYS AND RAMPS AND EXIT PASSAGEWAYS	CORRIDORS AND ENCLOSURE FOR EXIT ACCESS STAIRWAYS AND RAMPS	RDDMS AND ENCLOSED SPACES
BUSINESS	В	С	С	Α	В	С

803.1.2 INTERIOR WALL AND CEILING FINISH MATERIALS TESTED IN ACCORDANCE WITH ASTM E84 OR UL 723					
CLASS A	=	FLAME SPREAD INDEX 0-25; SMOKE DEVELOPED INDEX 0-450			
CLASS B	=	FLAME SPREAD INDEX 26-75; SMOKE DEVELOPED INDEX 0-450			
CLASS C	=	FLAME SPREAD INDEX 76-200; SMOKE DEVELOPED INDEX 0-450			

FIRE PROTECTION (803)

SCOPE (803.1):

THE REQUIREMENT OF THIS SECTION SHALL BE LIMITED TO WORK AREAS IN WHICH LEVEL 2 ALTERATIONS ARE BEING PERFORMED, AND WHERE SPECIFIED THEY SHALL APPLY THROUGHOUT THE FLOOR ON WHICH THE WORK AREAS ARE LOCATED OR OTHERWISE BEYOND THE WORK

AUTOMATIC SPRINKLER SYSTEMS (803.2):

AN AUTOMATIC SPRINKLER SYSTEMS SHALL BE PROVIDED IN ACCORDANCE WITH THE REQUIREMENTS OF SECTIONS 803.2.1 THROUGH 803.2.4. INSTALLATION REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE BUILDING CODE OF NEW YORK STATE.

CARBON MONOXIDE DETECTION (804)

CARBON MONOXIDE DETECTION AND NOTIFICATION (804.1): CARBON MONOXIDE DETECTION AND NOTIFICATION SHALL BE PROVIDED IN ACCORDANCE WITH SECTIONS 503.15 THROUGH 503.15.1 FOR BUILDINGS THAT UNDERGO AN ALTERATION.

MEANS OF EGRESS (805)

THE REQUIREMENT OF THIS SECTION SHALL BE LIMITED TO WORK AREAS THAT INCLUDE EXITS OR CORRIDORS SHARED BY MORE THAN ONE TENANT WITHIN THE WORK AREA IN WHICH LEVEL 2 ALTERATIONS ARE BEING PERFORMED, AND WHERE SPECIFIED THEY SHALL APPLY THROUGHOUT THE FLOOR ON WHICH THE WORK AREAS ARE LOCATED OR OTHERWISE BEYOND THE WORK

THE MEANS OF EGRESS SHALL COMPLY WITH THE REQUIREMENTS OF THIS SECTION.

THE NUMBER OF EXITS SHALL BE IN ACCORDANCE WITH SECTION 805.3.1 THROUGH 805.3.3.

MINIMUM NUMBER (805.3.1)

EVERY STOREY UTILIZED FOR HUMAN OCCUPANCY ON WHICH THERE IS A WORK AREA THAT INDICATES EXITS OR CORRIDORS SHARED BY MORE THAN ONE TENANT WITHIN WORK AREA SHALL BE PROVIDED WITH THE MINIMUM NUMBER OF EXITS BASED ON THE OCCUPANCY AND THE OCCUPANT LOAD IN ACCORDANCE WITH THE BUILDING CODE OF NEW YORK STATE. IN ADDITION, THE EXITS SHALL COMPLY WITH SECTIONS 805.3.1.1 AND 805.3.1.2.

EGRESS DOORWAYS IN ANY WORK AREA SHALL COMPLY WITH SECTION 805.4.1 THROUGH

TWO EGRESS DOORWAYS REQUIRED (805.4.1):

OCCUPANT LOAD AND TRAVEL DISTANCE (805.4.1.1)

WORK AREAS SHALL BE PROVIDED WITH TWO EGRESS DOORWAYS IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 805.4.1.1 AND 805.4.1.2.

IN ANY WORK AREA, ALL ROOMS AND SPACES HAVING AN OCCUPANT LOAD

GREATER THAN 50 OR IN WHICH THE TRAVEL DISTANCE TO AN EXIT EXCEEDS 75

FEET SHALL HAVE NOT FEWER THAN TWO EGRESS DOORWAYS. DOOR SWING (805.4.2):

IN THE WORK AREA AND IN THE EGRESS PATH FROM ANY WORK AREA TO THE EXIT DISCHARGE, ALL EGRESS DOORS SERVING AN OCCUPANT LOAD GREATER THAN 50 SHALL SWING IN THE DIRECTION OF EXIT TRAVEL.

SUPPLEMENTAL REQUIREMENT FOR DOOR SWING(805.4.2.1): WHERE THE WORK AREA EXCEEDS 50 PERCENT OF THE FLOOR AREA, DOOR SWING SHALL COMPLY WITH SECTION 805.4.2 THROUGHOUT THE FLOOR.

CONTINUED FROM BELOW

DOOR CLOSING (805.4.3):

IN ANY WORK AREA, ALL DOORS OPENING ONTO AN EXIT PASSAGEWAY AT GRADE OR AN EXIT STAIRWAY SHALL BE SELF-CLOSING OR AUTOMATIC-CLOSING BY LISTED CLOSING DEVICES.

SUPPLEMENTAL DOOR CLOSING(805.4.3.1): WHERE THE WORK AREA EXCEEDS 50 PERCENT OF THE FLOOR AREA, DOORS SHALL COMPLY WITH SECTION 805.4.3 THROUGHOUT THE EXIT STAIRWAY FROM THE WORK AREA TO, AND INCLUDING, THE LEVEL OF EXIT DISCHARGE.

PANIC HARDWARE (805.4.4):

IN ANY WORK AREA, AND IN THE EGRESS PATH FROM ANY WORK AREA TO THE EXIT DISCHARGE, IN BUILDINGS OR PORTIONS THEREOF GROUP A ASSEMBLY OCCUPANCIES WITH AN OCCUPANT LOAD GRATER THAN 100, ALL REQUIRED EXIT DOORS EQUIPPED WITH LATCHING DEVICES SHALL BE EQUIPPED WITH APPROVED PANIC HARDWARE.

SUPPLEMENTAL REQUIREMENTS FOR PANIC HARDWARE(805.4.4.1): WHERE THE WORK AREA EXCEEDS 50 PERCENT OF THE FLOOR AREA, PANIC HARDWARE SHALL COMPLY WITH SECTION 805.4.4 THROUGHOUT THE FLOOR.

DEAD END CORRIDORS (805.6):

DEAD END CORRIDORS IN ANY WORK AREA SHALL NOT EXCEED 35 FEET.

MEANS OF EGRESS LIGHTING (805.7):

MEANS OF EGRESS LIGHTING SHALL BE IN ACCORDANCE WITH THIS SECTION, AS APPLICABLE.

ARTIFICIAL LIGHTING REQUIRED (805.7.1):

MEANS OF EGRESS IN ALL WORK AREAS SHALL BE PROVIDED WITH ARTIFICIAL LIGHTING IN ACCORDANCE WITH THE REQUIREMENTS OF BUILDING CODE OF NEW YORK STATE.

SUPPLEMENTAL REQUIREMENTS FOR MEANS OF EGRESS LIGHTING (805.7.2): WHERE THE WORK AREA EXCEEDS 50 PERCENT OF THE FLOOR AREA, MEANS OF EGRESS THROUGHOUT THE FLOOR SHALL COMPLY WITH SECTION 805.7.1.

EXIT SIGNS (805.8):

EXIT SIGNS SHALL BE IN ACCORDANCE WITH THIS SECTION, AS APPLICABLE.

WORK AREAS (805.8.1): MEANS OF EGRESS IN ALL WORK AREAS SHALL BE PROVIDED WITH EXIT SIGNS IN

SUPPLEMENTAL REQUIREMENTS FOR EXIT SIGNS805.8.2): WHERE THE WORK AREA EXCEEDS 50 PERCENT OF THE FLOOR AREA, MEANS OF EGRESS THROUGHOUT THE FLOOR SHALL COMPLY WITH SECTION 805.8.1.

ACCORDANCE WITH THE REQUIREMENTS OF THE BUILDING CODE OF NEW YORK STATE.

ELECTRICAL (807)

NEW INSTALLATIONS (807.1) NEWLY INSTALLED ELECTRICAL EQUIPMENT AND WIRING RELATING TO WORK DONE IN ANY WORK AREA SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF NFPA 70 EXCEPT AS PROVIDED FOR IN SECTION 807.3.

MECHANICAL (808)

RECONFIGURED OR CONVERTED SPACES (808.1): RECONFIGURED SPACES INTENDED FOR OCCUPANCY AND SPACES CONVERTED TO HABITABLE OR OCCUPIABLE SPACE IN ANY WORK AREA SHALL BE PROVIDED WITH NATURAL OR MECHANICAL VENTILATION IN ACCORDANCE WITH THE MECHANICAL CODE OF NEW YORK

PLUMBING (809)

MINIMUM FIXTURES (809.1): WHERE THE OCCUPANT LOAD OF THE STORY IS INCREASED BY MORE THAN 20 PERCENT PLUMBING FIXTURES FOR THE STORY SHALL BE PROVIDED IN QUANTITIES SPECIFIED IN THE PLUMBING CODE OF NEW YORK STATE BASED ON THE INCREASED OCCUPANT LOAD.

ENERGY CONSERVATION (810)

MINIMUM REQUIREMENTS (810.1): LEVEL 2 ALTERATIONS TO EXISTING BUILDINGS OR STRUCTURES ARE PERMITTED WITHOUT REQUIRING THE ENTIRE BUILDING OR STRUCTURE TO COMPLY WITH THE ENERGY REQUIREMENTS OF THE ENERGY CONVERSATION CONSTRUCTION CODE OF NEW YORK STATE. THE ALTERATIONS SHALL CONFORM TO THE ENERGY REQUIREMENTS OF THE ENERGY CONSERVATION

CONSTRUCTION CODE OF NEW YORK STATE AS THEY RELATE TO NEW CONSTRUCTION ONLY.

CHAPTER 9 ALTERATIONS LEVEL 3: DOES NOT APPLY TO THIS PROJECT.

PROJECT CODE COMPLIANCE:

PROJECT IS IN COMPLIANCE WITH THE:

2020 BUILDING CODE OF NEW YORK STATE 2020 PLUMBING CODE OF NEW YORK STATE 2020 MECHANICAL CODE OF NEW YORK STATE 2020 FUEL GAS CODE OF NEW YORK STATE 2020 FIRE CODE OF NEW YORK STATE 2020 PROPERTY MAINTENANCE CODE OF NEW YORK STATE 2020 EXISTING BUILDING CODE OF NEW YORK STATE 2020 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE 2017 NATIONAL ELECTRIC CODE

PROJECT NOTES:

2018 NFPA 101 LIFE SAFETY CODE

ALL WORK SHALL CONFORM TO THE 2020 UNIFORM FIRE PREVENTION AND BUILDING CODE

AND/OR OTHER CODES, REFERENCE STANDARDS, RULES OR REGULATIONS 2. VERIFY ACTUAL ELECTRICAL & TEL/DATA LOCATIONS IN FIELD

2016 NFPA 13 STANDARD FOR INSTALLATION OF SPRINKLER SYSTEM

2016 NFPA 72 NATIONAL FIRE ALARM SIGNALING CODE

ICC A 117.1-2009 ACCESSIBLE AND USABLE BUILDINGS & FACILITIES STANDARD

3. THE DIRECTOR'S REPRESENTATIVE SHALL NOTIFY FACILITIES FOR TURNING OFF THE ELECTRICAL SERVICE FROM EXISTING WORKSTATIONS PRIOR TO THEIR REMOVAL

4. THE DIRECTOR'S REPRESENTATIVE SHALL NOTIFY FACILITIES FOR TURNING ON THE ELECTRICAL SERVICE AFTER THE NEW WORKSTATIONS ARE INSTALLED.

ENERGY CODE NOTE:

TO THE BEST OF THE REGISTERED DESIGN PROFESSIONAL'S KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT, THESE PLANS AND/OR SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2020 ENERGY CODE.

INFORMATION PER IECC - C103.2 INSULATION & R VALUES - A DRAWINGS (IF APPLICABLE)

4-9 MECHANICAL PLANS (IF APPLICABLE) 10-11 LIGHTING FIXTURE SCHEDULE WITH WATTAGE & CONTROL NARRATIVE & DAYLIGHT ZONE

5. OCCUPANCY CLASSIFICATION OF WORK AREA: BUSINESS / ASSEMBLY

SQUARE FOOT AREA OF WORK AREA: 13,006 SQFT

OCCUPANT LOAD OF WORK AREA: 499 OCCUPANTS

12 AIR SEALING - A PLANS (IF APPLICABLE)

- LIGHTING PLANS (IF APPLICABLE)

CODE DATA:

TO THE BEST OF THE REGISTERED DESIGN PROFESSIONAL'S KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT, THESE PLANS AND/OR SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2020 UNIFORM CODE.

NEW YORK STATE 2020 BUILDING CODE APPLICABLE CODES:

2020 BUILDING CODE OF NEW YORK STATE (PUBLICATION DATE: NOVEMBER 2019)2020 PLUMBING CODE OF NEW YORK STATE (PUBLICATION DATE: NOVEMBER 2019)2020 MECHANICAL CODE OF NEW YORK STATE (PUBLICATION DATE: NOVEMBER 2019) 2020 FUEL GAS CODE OF NEW YORK STATE (PUBLICATION DATE: NOVEMBER 2019) 2020 FIRE CODE OF NEW YORK STATE (PUBLICATION DATE: NOVEMBER 2019)2020 PROPERTY MAINTENANCE CODE OF NEW YORK STATE (PUBLICATION DATE: NOVEMBER 2019) 2020 EXISTING BUILDING CODE OF NEW YORK STATE (PUBLICATION DATE: NOVEMBER 2019) 2020 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE (PUBLICATION DATE: NOVEMBER 2019) 2016 EDITION OF THE ENERGY STANDARD FOR BUILDINGS EXCEPT LOW-RISE RESIDENTIAL

GENERAL CODE INFORMATION

BUILDINGS ("ASHRAE 90.1-2016")

A. CLASSIFICATION OF WORK: ALTERATION LEVEL 1-"INCLUDES THE REMOVAL AND REPLACEMENT OR THE COVERING OF EXISTING MATERIALS, ELEMENTS EQUIPMENT OR FIXTURES USING NEW MATERIALS, ELEMENTS, EQUIPMENT, OR FIXTURES, THAT SERVE THE SAME PURPOSE." (NYS EBC SECTION 5031)

B. OCCUPANCY CLASSIFICATION: ASSEMBLY, GROUP A-3, BUSINESS (NYS BC SECTION 304) C. CONSTRUCTION CLASSIFICATION: TYPE IB, NON-COMBUSTIBLE (NYS BC SECTION 602 AND TABLE 601).

ASSEMBLY AND ACCESSORIES:

A. FIRE CLASSIFICATION: CLASS C REQUIRED. CLASS A PROVIDED (NYS BC SECTION 1505 AND TABLE 1505.1).

2020 ENERGY CONSERVATION CODE OF NEW YORK STATE (ECCNYS):

A. CLIMATE ZONE 4: SUFFOLK COUNTY (IECCNYS TABLE 301.1)

CONSTRUCTION SAFEGUARDS:

1) SCOPE. THE SAFETY OF THE CONSTRUCTION AREA AND ADJACENT PUBLIC AND PRIVATE PROPERTIES SAFETY SHALL BE PROTECTED DURING CONSTRUCTION AND DEMOLITION AS FOLLOWS, IN ACCORDANCE WITH THE 2020 EXISTING BUILDING CODE OF NEW YORK STATE. (EBCNYS) CHAPTER 15 AND THE 2020 FIRE CODE OF NEW YORK STATE. (FCNYS) CHAPTER 33, AS AMENDED BY NYS FIRE PROTECTION AND UNIFORM CODE (UNIFORM CODE). COMPLIANCE WITH NFPA 241 IS REQUIRED FOR ITEMS NOT SPECIFICALLY ADDRESSED. THIS SPECIFICATION PROSCRIBES MINIMUM SAFEGUARDS FOR CONSTRUCTION TO PROVIDE REASONABLE SAFETY TO LIFE AND PROPERTY FROM FIRE DURING SUCH OPERATIONS.

2) CONSTRUCTION INCLUDES ANY CONSTRUCTION, REMOVAL, REMODELING, ALTERATIONS, REPAIRS OR ADDITIONS TO ANY BUILDING OR STRUCTURE.

MAINTENANCE OF SAFE CONDITIONS. REQUIRED SAFETY ELEMENTS SUCH AS EXITS, EXISTING STRUCTURAL MEMBERS, FIRE PROTECTION DEVICES AND SANITARY SAFEGUARDS SHALL BE MAINTAINED AT ALL TIMES, EXCEPT WHERE THE BUILDING IS NOT OCCUPIED OR WHERE SUCH REQUIRED ELEMENTS ARE BEING ALTERED OR REPAIRED AND ADEQUATE SUBSTITUTE PROVISIONS ARE MADE.

4) MEANS OF EGRESS. AN APPROVED PERMANENT OR TEMPORARY MEANS OF EGRESS SHALL BE MAINTAINED.

5) FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION. FIRE SAFETY SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF THE UNIFORM CODE, INCLUDING EBC NYS CHAPTER 15 AND NYS FC CHAPTER 33. A. FIRE EXTINGUISHERS. PROVIDE PORTABLE FIRE EXTINGUISHERS FOR PROTECTION DURING CONSTRUCTION AND DEMOLITION AT EACH STAIRWAY ON EACH FLOOR LEVELS WHERE COMBUSTIBLE MATERIALS HAVE ACCUMULATED AND IN EVERY STORAGE AND

ORDINARY HAZARD UNLESS GREATER HAZARD IS SPECIFIED. ADDITIONAL PORTABLE FIRE EXTINGUISHERS SHALL BE PROVIDED WHERE SPECIAL HAZARDS EXIST, SUCH AS THE STORAGE AND USE OF FLAMMABLE AND COMBUSTIBLE LIQUIDS. TEMPORARY HEATING EQUIPMENT. SUCH EQUIPMENT SHALL COMPLY WITH THE PROVISIONS OF SECTION 3303 OF THE 2020 FC NYS. TEMPORARY HEATING DEVICES SHALL BE LISTED AND

CONSTRUCTION SHED. EXTINGUISHERS SHALL COMPLY WITH IFC SECTION 906, SIZED FOR

LABELED IN ACCORDANCE WITH THE UNIFORM CODE. INSTALLATION, MAINTENANCE AND USE SHALL BE PER THE TERMS OF THE LISTING. ANY BURNING, CUTTING OR WELDING SHALL REQUIRE HOT WORKS PERMIT AND APPROVAL. TEMPORARY ELECTRICAL INSTALLATIONS SHALL COMPLY WITH NFPA 70.

6) MATERIAL HANDLING. EQUIPMENT AND MATERIALS SHALL BE STORED AND PLACED, AND WASTE SHALL BE REMOVED, SO AS NOT TO ENDANGER THE PERSONS OR PROPERTY OR TO IMPEDE A MEANS OF EGRESS. PLACE MATERIAL AND WASTE SO AS NOT TO OBSTRUCT ACCESS TO FIRE HYDRANTS, STANDPIPES, FIRE EXTINGUISHERS, FIRE OR POLICE ALARM BOXES, CATCH BASINS, MANHOLES, RELEVANT UTILITY STRUCTURES, TRAFFIC OR OBSERVATION OF TRAFFIC SIGNALS. COMBUSTIBLE DEBRIS SHALL NOT BE ACCUMULATED ON SITE, AND SHALL BE REMOVED AT THE END OF EACH WORK SHIFT. RUBBISH CONTAINERS WITH A CAPACITY EXCEEDING 5.33 CUBIC FEET (40 GALLONS OR 0.15 CUBIC METERS) SHALL HAVE TIGHT-FITTING OR SELF CLOSING LIDS, AND SHALL BE CONSTRUCTED OF NONCOMBUSTIBLE MATERIAL OR MATERIAL THAT MEETS 2020 FIRE CODE OF NYS SECTION 3304.2.3 (2). MATERIAL SUSCEPTIBLE TO SPONTANEOUS IGNITION SHALL BE STORED IN A LISTED DISPOSAL CONTAINER.

AREA OF WORL

EX'G ATRIUM

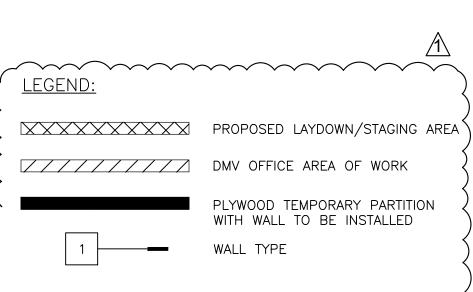
PARTITION WITH WAL

LAYDOWN/STAGING AREA

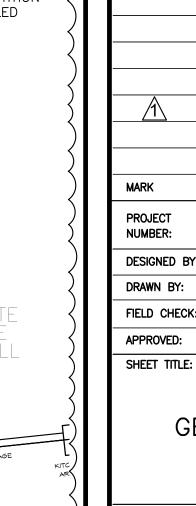
DESCRIPTION: 8'-0" HIGH TEMPORARY PARTITION- 2X4 FRAMING WITH PAINTED PLYWOOD

SHEETHING ON THE PUBLIC FACING SIDE-SUPPORT AS REQUIRED TO PREVENT MOVEMENT

LAYDOWN / STAGING AREA DIAGRAM



DR OFFICE



GENERAL NOTES

DESIGN & CONSTRUCTION

NEW YORK Office of

■ Ronnette Riley *Architect*



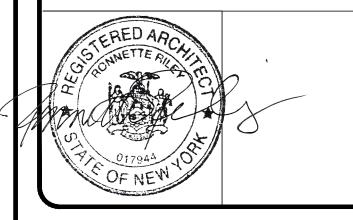




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CONSTRUCTION & ELECTRICAL TITLE: PROVIDE OFFICE RENOVATIONS

LOCATION: DMV LEASE. HAUPPAUGE 250 VETRAN'S HIGHWAY

HAUPPAUGE, NY

CLIENT: DEPARTMENT OF MOTOR VEHICLES

08/03/2023 | ADDENDUM 1 DESCRIPTION 46082-C,E DESIGNED BY: | ANDRES L. Rachel S. GS Kim FIELD CHECK:

DRAWING NUMBER:

OF 16





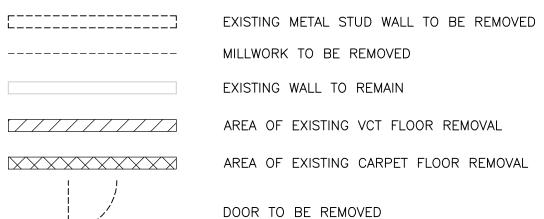


EX'G MECHANICAL UNIT

- 2. PERFORM REMOVAL IN A MANNER MINIMIZING DAMAGE TO MATERIALS THAT ARE TO REMAIN.
- 3. ITEMS SCHEDULED FOR REMOVAL ARE NON-LOAD BEARING. CONTACT DIRECTOR'S REPRESENTATIVE SERVICES IF AN ELEMENT SCHEDULED FOR REMOVAL APPEARS TO BE LOAD BEARING, OR APPEARS TO BE SUPPORTING AN ELEMENT THAT WILL
- 4. REMOVE ALL EVIDENCE OF REMOVAL FROM MATERIALS THAT REMAIN: CAULK, SEALANT, FASTENERS, PAINT LINES ETC.
- 6 REFER TO DRAWING H-101 FOR ACM REQUIRED ABATEMENT SCOPE
- 7. FOR METAL STUD WALLS WHERE OPENINGS ARE CUT INTO METAL STUD WALL, OR PARTIAL REMOVAL IS IDENTIFIED. PROVIDE JAMB STUDS & HEADERS, FINISH GWB & PAINT FINISHES AS SCHEDULED.
- 8. REMOVE WALL BASE AT INTERIOR WALLS & COLUMNS PREP WALLS TO BE LAMINATED WITH GYPBOARD AND PAINT FINISH. PREP WALLS & COLUMNS TO RECEIVE FINISHES AS SPECIFIED.
- 9. COORDINATE WITH DIRECTOR'S REPRESENTATIVE PRIOR TO START OF WORK. igselow 1
- 10. REMOVE EXISTING CARPET.
- 11. REMOVE EXISTING VCT AT DMV OFFICE SUITE. EXISTING 13,000SF AS PART OF ACM ABATEMENT.
- 12. ALL FURNITURE INCLUDING BUT NOT LIMITED TO DESK, CHAIRS, STORAGE CABINETS, LOCKERS, TABLES, SAFE, BENCHES TO BE REMOVED BY DMV PRIOR TO COMMENCEMENT OF WORK.
- 13. ALL EQUIPMENT INCLUDING BUT NOT LIMITED TO SELF SERVICES KIOSKS, PRINTERS, SAFE, QUEUE MACHINES, REFRIGERATORS, COOLERS, SHREDDERS, FANS & COMPUTERS TO BE REMOVED BY DMV PRIOR TO COMMENCEMENT OF WORK.
- 14. DISCONNECT, REMOVE & SALVAGE EXISTING MECH. UNITS, PREPARE FOR
- REINSTALLATION AFTER COMPLETION OF FLOORING INSTALLATION SEE 2/A101. 15. REMOVE & SALVAGE EXISTING NORTH WALL LUNCH ROOM CABINETS, COUNTER

TOP & SINK FOR REINSTALLATION AFTER COMPLETION OF FLOORING INSTALLATION.

- 16. COORDINATE, RELOCATION OF IT EQUIPMENT WITH DIRECTORS REPRESENTATIVE PROR TO COMMENCEMENT OF WORK.
- 17. REMOVE & RELOCATE TURNSTILE PREP FLOOR FOR PATCHING AS REQUIRED. SEE 13/A-501 FOR PATCHING DETAIL.





EXISTING COLUMN TO REMAIN





DESIGN & CONSTRUCTION

CONSULTANT

■ Ronnette Riley *Architect*





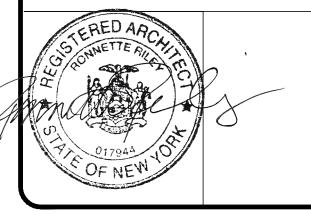
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CONSTRUCTION

TITLE: PROVIDE OFFICE RENOVATIONS

LOCATION: DMV LEASE. HAUPPAUGE 250 VETRAN'S HIGHWAY

HAUPPAUGE, NY

CLIENT: DEPARTMENT OF MOTOR VEHICLES

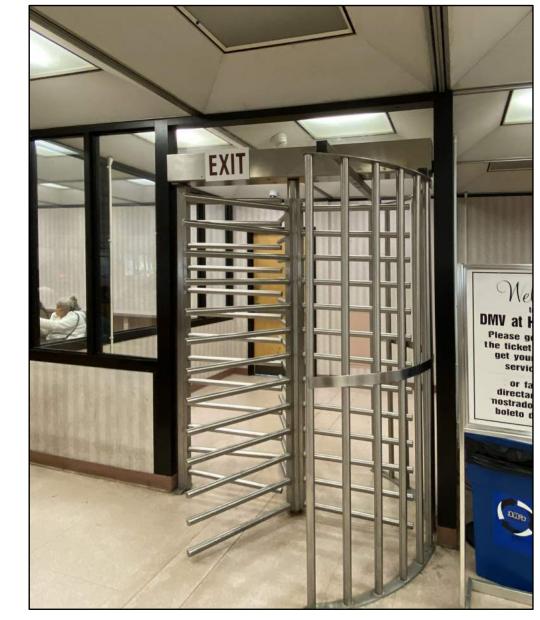
Â	08/03/2023	ADDENDUM 1		
MARK	DATE	DESCRIPTION		
PROJECT NUMBER:	46082-C			
DESIGNED BY:	ANDRES L.			
DRAWN BY:	Rachel S. GS Kim			
FIELD CHECK:				

APPROVED: SHEET TITLE: SELECTIVE

REMOVAL PLAN

DRAWING NUMBER: A - 101

SHEET 4 OF 16



EXISTING TURNSTILE

CONSTRUCTION NOTES:

- 1. ALL WORK SHALL CONFORM TO THE 2020 UNIFORM FIRE PREVENTION AND BUILDING CODE AND/OR OTHER CODES, REFERENCE STANDARDS, RULES OR REGULATIONS.
- 2. MAINTENANCE OF SAFE CONDITIONS REQUIRED SAFETY ELEMENTS SUCH AS EXITS, EXISTING STRUCTURAL MEMBERS, FIRE PROTECTION DEVICES AND SANITARY SAFEGUARDS SHALL BE MAINTAINED AT ALL TIMES, EXCEPT WHERE THE BUILDING IS NOT OCCUPIED OR WHERE SUCH REQUIRED ELEMENTS ARE BEING ALTERED OR REPAIRED AND ADEQUATE SUBSTITUTE PROVISIONS ARE MADE.
- 3. MEANS OF EGRESS. AN APPROVED PERMANENT OR TEMPORARY MEANS OF EGRESS SHALL BE MAINTAINED.
- 5. DAMAGE CAUSED BY EXECUTION OF THIS WORK TO EXISTING CONSTRUCTION TO REMAIN SHALL BE REPAIRED TO ORIGINAL CONDITION

4. ALL ADJACENT AREAS TO WORK AREA ARE TYPE B OCCUPANCY, OCCUPIED.

- (6. FLASHPATCH & LEVEL FLOOR PRIOR TO INSTALLATION OF FLOORING FINISHES. PATCH AND REPAIR EXISTING WALLS & CEILINGS TO MATCH EXISTING PRIOR TO APPLYING FINISHES TYP.
- 7. INTERIOR WALL SHALL MEET INTERIOR FINISH REQUIREMENTS PER IBC TABLE 803.11.
- 8. FIELD VERIFY EXISTING DIMENSIONS AND CONDITIONS.

OR REPLACED AT NO COST TO THE STATE.

- 9. PROVIDE SOFFIT ABOVE ENTIRE PERIMETER OF WORKSTATION MILLWORK. SEE RCP ON DRAWING A-103.
- 10. SEE ELECTRICAL DRAWINGS FOR CONDUIT RUNS AND ELECTRICAL EQUIPMENT AND ASSOCIATED REPAIR AND PATCHING.
- 11. PROVIDE PATCHING OF FLOOR SLAB +/- 50SF FOLLOWING TURNSTILE & KIOSKS REMOVAL
- 12. INTERIOR WALLS ARE TO RECEIVE 1/4" TYPE X GYPBOARD LAMINATION TO EXISTING PARTITIONS PRIOR TO PROVIDING PAINT FINISH. REFER TO SPECIFICATION FOR REQUIRED LEVEL OF GYPBOARD FINISH. +/_ 21,000 SF FOR LAMINATION AND PAINTING OF WALLS. PROVIDE REINFORCEMENT AS / REQUIRED FOR INSTALLATION OF GYPBOARD, & ASSOCIATED TRIMS.



L_____j

EXISTING WALL TO REMAIN EXISTING PARTIAL HEIGHT WALL TO REMAIN

WALL TO BE INSTALLED

WALL TYPE

PARTIAL HEIGHT WALL TO BE PROVIDED

OVERHEAD DOOR

EXISTING COLUMN TO REMAIN

FEET 5 10 15 20 25

NEW YORK STATE OF OPPORTUNITY. Office of General Services **DESIGN & CONSTRUCTION**

CONSULTANT

■ Ronnette Riley *Architect*

SETTY

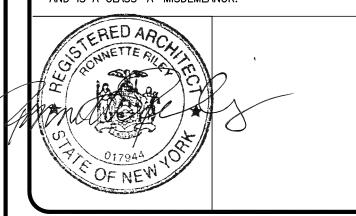


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CONSTRUCTION

TITLE: PROVIDE OFFICE RENOVATIONS

LOCATION: DMV LEASE. HAUPPAUGE 250 VETRAN'S HIGHWAY

HAUPPAUGE, NY

CLIENT: DEPARTMENT OF MOTOR VEHICLES

08/03/2023 | ADDENDUM 1 DATE DESCRIPTION 46082-C NUMBER: DESIGNED BY: ANDRES L. DRAWN BY: Rachel S. GS Kim FIELD CHECK:

CONSTRUCTION PLAN

A - 102

APPROVED:

SHEET TITLE:

SHEET 5 OF 16



OFFICE

WAITING ROOM

LUNCH RM

REFLECTED CEILING PLAN

CONFERENCE ROOM

AUDIT ROOM

SAFE ROOM

<u>OFFICE</u>

TESTING ROOM

EXISTING PERFORATED CLG PANEL CLOSE UP

208'-0½"

CEILING NOTES:

NOT BE DISTURBED

EX'G ATRIUM

ALL ELECTRICAL WORK SHALL BE IN CONFORMANCE WITH THE 2017 NATIONAL ELECTRICAL CODE NFPA 70, AS REFERENCED IN THE UNIFORM CODE. 1. EXISTING FIRE ALARM SYSTEMS, SMOKE DETECTORS, HORN/STROBES, ETC. WILL

QUEUE DISPLAY ON -

GYP. SOFFIT

QUEUE DISPLAY, SEE

CEILING NOTE 6

-DISPLAY MONITORS SEE

CEILING NOTE 7

-12" HIGH MTL. SOFFIT TO

EXISTING CEILING GRID AND LIGHTS TO REMAIN. SEE IMAGES - 2&3 BELOW

SCOPE OF WORK

EXISTING LIGHTS TO REMAIN.

C—CONTRACTOR TO CAREFULLY PROVIDE

C-CONTRACTOR TO CAREFULLY PROVIDE

CONDUITS & SUPPORTS.

CUT OUTS FOR NEW SIGNAGE, FASTENERS,

ALIGN WITH MILLWORK BELOW. SEE DTLS ON A-601

2. MODIFY EXISTING SWITCHING AS NECESSARY FOR PROPOSED NEW SPACE LAYOUT. REFER TO ELECTRICAL DRAWINGS.

3. PATCH & REPAIR EXISTING CEILING FINISHES AS NECESSARY, FIELD VERIFY.

4. UNLESS OTHERWISE NOTED, ALL EQUIPMENT AND FIXTURES ARE EXISTING TO

5. EXISTING LIGHTS TO REMAIN C-CONTRACTOR CAREFULLY PROVIDE CUT OUTS FOR NEW SIGNAGE, FASTENERS, CONDUITS & SUPPORTS.

6. TAKE A NUMBER QUEUE DISPLAYS AND ASSOCIATED POWER DATA TO BE PROVIDED BY DMV VENDOR.

7. MONITORS AND SUPPORT BRACKETS TO BE PROVIDED BY VENDOR. E-CONTRACTOR TO PROVIDE POWER AND DATA FOR THE MONITORS. FINAL

LOCATION TO BE COORDINATED WITH DIRECTOR'S REPRESENTATIVE. 8. PROVIDE TWO (2) ADDITIONAL METAL ROD SUPPORTS (FULL HEIGHT) FOR SOFFITS AT EACH MONITOR LOCATION, SPACED MAXIMUM 3'-0" O.C.

CEILING FINISH NOTES:

1. PAINT ALL CL'G PANELS (P-1). REFER TO FINISH SCHEDULE. PAINT COLORS TO BE SELECTED BY THE DIRECTOR TYPICAL.

2. REPAIR ALL CL'G PANELS & GRIDS EXPOSED OR DAMAGED AS A RESULT OF SCOPE OF WORK.

CEILING LEGEND

- E EXISTING TO REMAIN
- EXISTING TO BE RELOCATED
- SMOKE DETECTOR
- EXIT SIGN
- M MONITOR DISPLAY SCREENS TOTAL 6
- □=== SOFFIT Q QUEUE DISPLAY TOTAL 26



40'-0"

<u>OFFICE</u>

NEW T&I OFFICE

OFFICE

OFFICE

RECEPTION

DR OFFICE

EXISTING TO BE REMOVED

PLATE ROOM

FEET 5 10 15 20 25





■ Ronnette Riley *Architect*



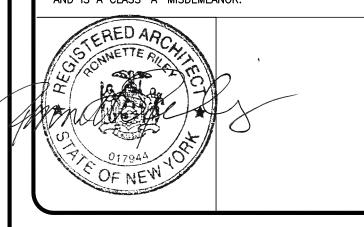


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CONSTRUCTION

TITLE: PROVIDE OFFICE RENOVATIONS

LOCATION: DMV LEASE. HAUPPAUGE 250 VETRAN'S HIGHWAY

HAUPPAUGE, NY

CLIENT: DEPARTMENT OF MOTOR VEHICLES

08/03/2023 ADDENDUM 1 DATE DESCRIPTION 46082-C NUMBER: DESIGNED BY: ANDRES L. DRAWN BY: Rachel S. GS Kim FIELD CHECK: APPROVED:

CEILING PLAN

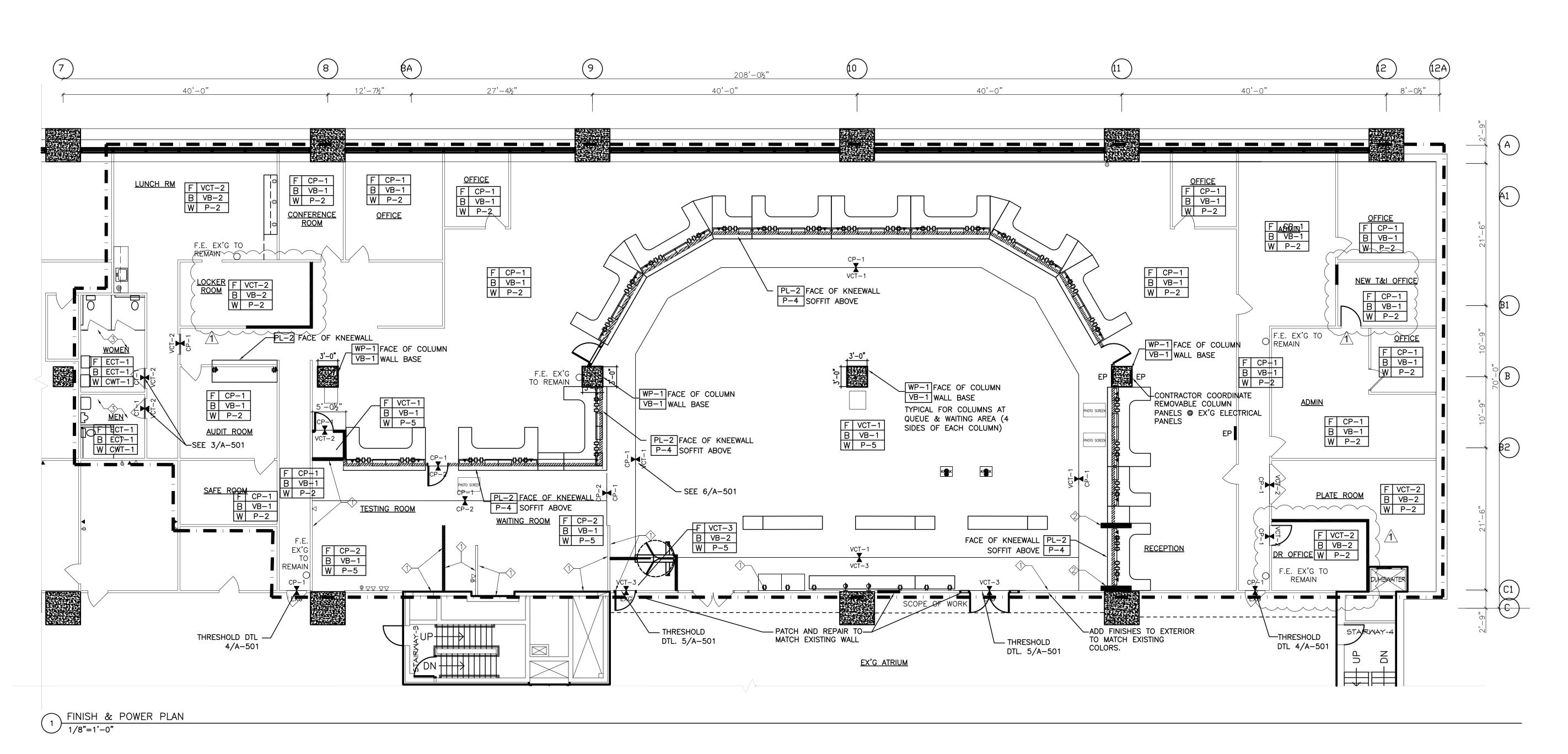
REFLECTED

DRAWING NUMBER: A - 103

SHEET TITLE:

SHEET 6 OF 16





FINISH LEGEND							
TAG	DESCRIPTION	SIZE (IN.)	FIN	COLOR	SERIES	BASIS OF DESIGN	NOTES
VCT-1	VINYL COMPOSITION TILE	12" x 12"		51941: POLAR WHITE	IMPERIAL TEXTURE	ARMSTRONG	
VCT-2	VINYL COMPOSITION TILE	12" x 12"		51807: SHADOW BLUE	IMPERIAL TEXTURE	ARMSTRONG	
VCT-3	VINYL COMPOSITION TILE	12" x 12"		51910: CLASSIC BLACK	IMPERIAL TEXTURE	ARMSTRONG	
ECT-1	EPOXY COMPOSITION FLOORING	SEAMLESS		STEEL GRAY	STONESHIELD HRI	STONEHARD	WATERPROOF LAYER BELOW, INTEGRATED BASE
CP-1	CARPET FLOOR TILE	24" × 24"		00550	EXPERIENCE MODULAR 10291	PATCRAFT	INSTALLATION: MONOLITHIC
CP-2	CARPET FLOOR TILE	24" × 24"		00550	EXPERIENCE MODULAR 10291	PATCRAFT	INSTALLATION: ½ TURN
VB-1	RUBBER BASE	4"	-	114: LUNAR DUST	_	ROPPE	VINYL COVE
VB-2	RUBBER BASE	4"	-	150: DARK GRAY	-	ROPPE	VINYL COVE
CWT-1	CERAMIC WALL TILE	6" × 6"	SEMI GLOSS	0090- WHITE	BRIGHT FIELD TILE	AMERICAN OLEAN	COVE BASE
CTB-1	CERAMIC WALL BASE	6" x 13" COVE BASE, 1" x 6" CORNERS		CN91	CONCRETE CONNECTIONS	DALTILE	
P-1	PAINT IAL-1	-	FLAT	2116-70 MIRAGE WHITE	-	BENJAMIN MOORE	FIELD
P-2	PAINT IAL-2	_	EGGSHELL	790 BAYBERRY BLUE	_	BENJAMIN MOORE	ACCENT COLOR, FIELD 2116-70 MIRAGE WHITE
P-3	PAINT IAL-3	_	SEMI GLOSS	1615 ROCK GRAY	_	BENJAMIN MOORE	DOORS & FRAMES
P-4	PAINT IAL-2/ ISP	_	EGGSHELL	2119-20 BLACK BERRY	-	BENJAMIN MOORE	SOFFIT ABOVE WORKSTATION/ ISP
P-5	PAINT IAL-2/ ISP	_	EGGSHELL	2132-60 METALLIC SILVER	-	BENJAMIN MOORE	FIELD
WP-1	HIGH IMPACT WALL PANEL			499-BLU CALIFORNIA	FLAMESAFE	MARLITE	HPL PANELS W/ ABET LAMINATI, FRAMED W/BRUSHED ALUM CORNER GUARDS
PL-1	PLASTIC LAMINATE	_	NATURELLE FINISH	MILLENNIUM OAK	5887-NT	FORMICA	
PL-2	PLASTIC LAMINATE	-	MICRODOT (FRONT BASE OF KNEEWALL)	FOG	961-MC FOG	FORMICA	FRONT BASE OF KNEE WALL

PROVIDE 10 COLORWAYS FOR EACH PAINT TYPE - COLORS TO BE SELECTED BY THE DIRECTOR

PROVIDE CEMENT BACKERBOARD AS SUBSTRATE FOR ALL AREAS TO RECEIVE WALL TILE (CWT-1)

POWER LEGEND:

WALL MTD DUPLEX RECEPTACLE

WALL MTD DEDICATED CIRCUIT RECEPTACLE

WALL MTD QUAD RECEPTACLE

IN FLOOR RECEPTACLE

DUPLEX W/ GROUND FAULT INTERRUPTER

DEDICATED OUTLET W/ GROUND FAULT INTERRUPTER

WALL MTD TELE RECEPTACLE (#=QTY)

DATA LINK (#=QTY)

KEYNOTES:

W WALLS

- ↑ PL-2 WAINSCOTTING ON WALLS UP TO 48", (P-5) ABOVE.
- \Diamond (P-2) ON INSIDE WALL AND UNDERSIDE OF NEW
- ☼ (CWT-1 UP TO 4'-0", PTD TYPE X WATER RESISTANT GYPBOARD ABOVE.

F FLOOR B BASE SEE FINISH LEGEND

#'EP ELECTRICAL PANEL

NOTES: REFER TO ELECTRICAL DRAWINGS FOR COMPLETE ELECTRICAL SCOPE & DRAWINGS







DESIGN & CONSTRUCTION

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CONSTRUCTION

TITLE: PROVIDE OFFICE RENOVATIONS

LOCATION: DMV LEASE. HAUPPAUGE 250 VETRAN'S HIGHWAY

HAUPPAUGE, NY

CLIENT: DEPARTMENT OF MOTOR VEHICLES

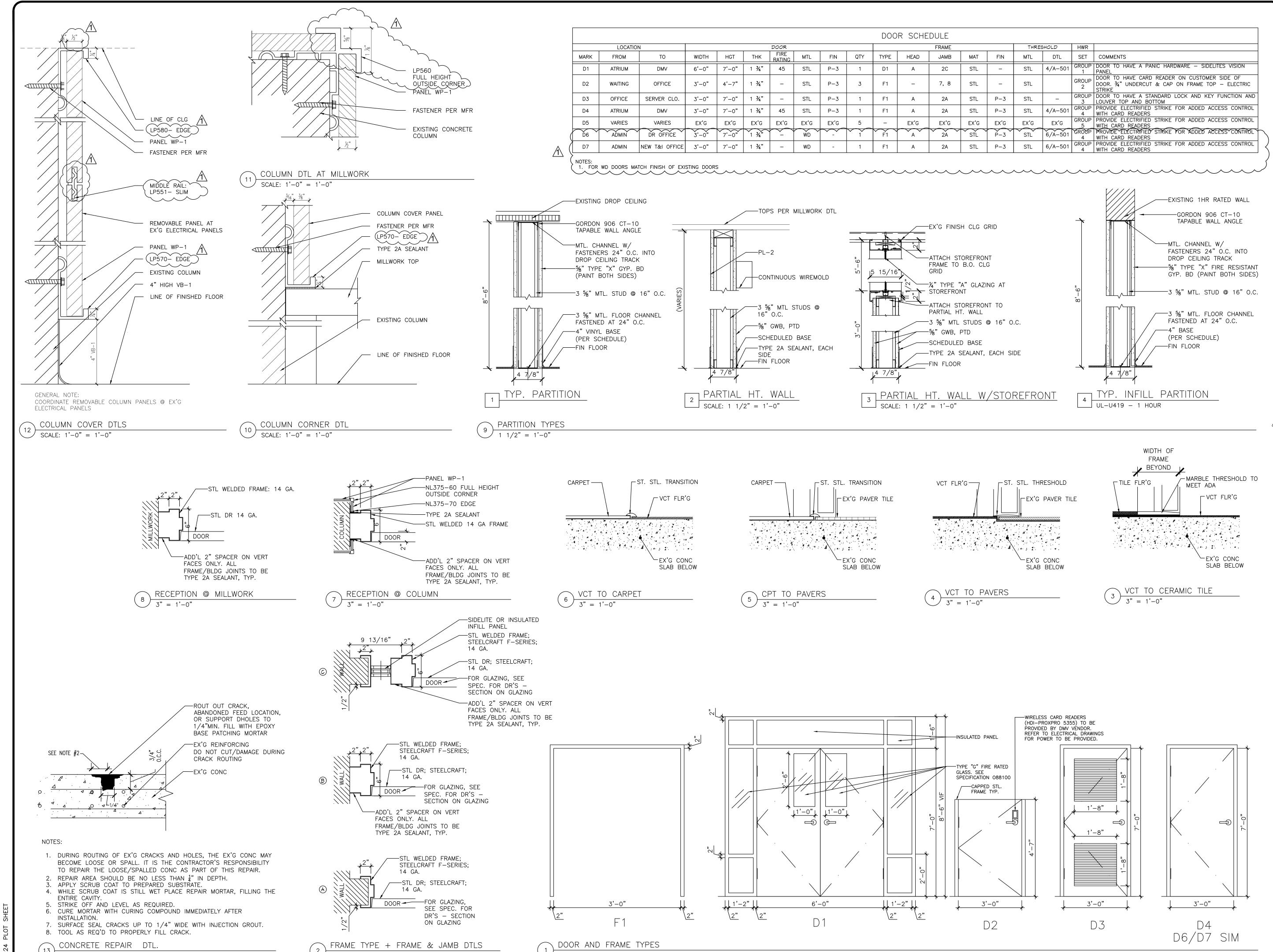
08/03/2023 ADDENDUM 1 DATE DESCRIPTION 46082-C NUMBER: DESIGNED BY: ANDRES L. DRAWN BY: Rachel S. GS Kim FIELD CHECK: APPROVED:

FINISH & POWER PLAN

A - 104

SHEET TITLE:

SHEET 7 OF 16





DESIGN & CONSTRUCTION

CONSULTANT

■ Ronnette Riley *Architect*





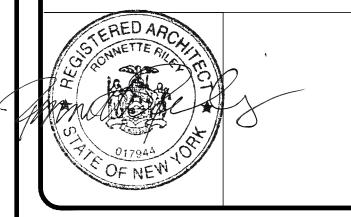
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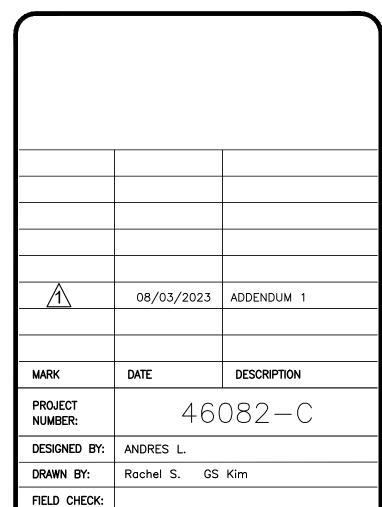
CONSTRUCTION

TITLE: PROVIDE OFFICE RENOVATIONS

LOCATION: DMV LEASE. HAUPPAUGE

250 VETRAN'S HIGHWAY HAUPPAUGE, NY

CLIENT: DEPARTMENT OF MOTOR VEHICLES



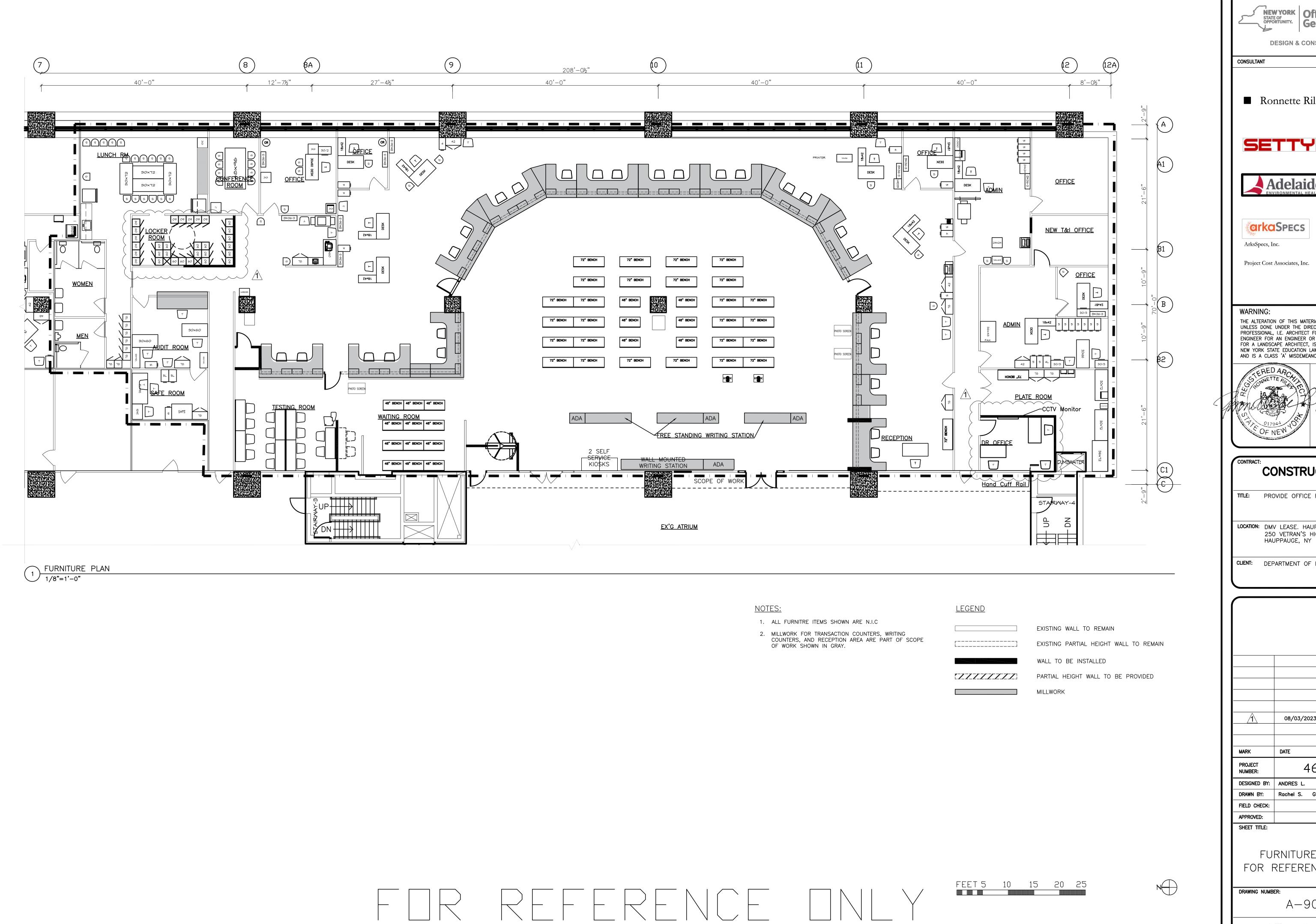
APPROVED: SHEET TITLE:

> DETAILS & DOOR **SCHEDULE**

DRAWING NUMBER: A - 501

> SHEET 8 OF 16

1/2" = 1'-0"



NEW YORK STATE OF OPPORTUNITY. Office of General Services **DESIGN & CONSTRUCTION**

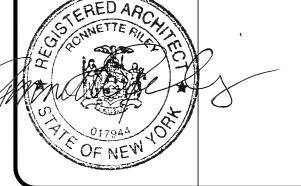
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CONSTRUCTION

TITLE: PROVIDE OFFICE RENOVATIONS

LOCATION: DMV LEASE. HAUPPAUGE 250 VETRAN'S HIGHWAY

CLIENT: DEPARTMENT OF MOTOR VEHICLES

08/03/2023 | ADDENDUM 1 DATE DESCRIPTION 46082-C

DESIGNED BY: ANDRES L. DRAWN BY: Rachel S. GS Kim

FURNITURE PLAN FOR REFERENCE ONLY

A - 901

SHEET 11 OF 16

NEW YORK STATE OF OPPORTUNITY. Office of General Services

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LOCATION: DMV LEASE. HAUPPAUGE 250 VETRAN'S HIGHWAY HAUPPAUGE, NY

CLIENT: DEPARTMENT OF MOTOR VEHICLES

08/03/2023 ADDENDUM 1

RK DATE DESCRIPTION

PROJECT 46082-C

DESIGNED BY: ANDRES L.

DRAWN BY: Rachel S. GS Kim

FIELD CHECK:

APPROVED:

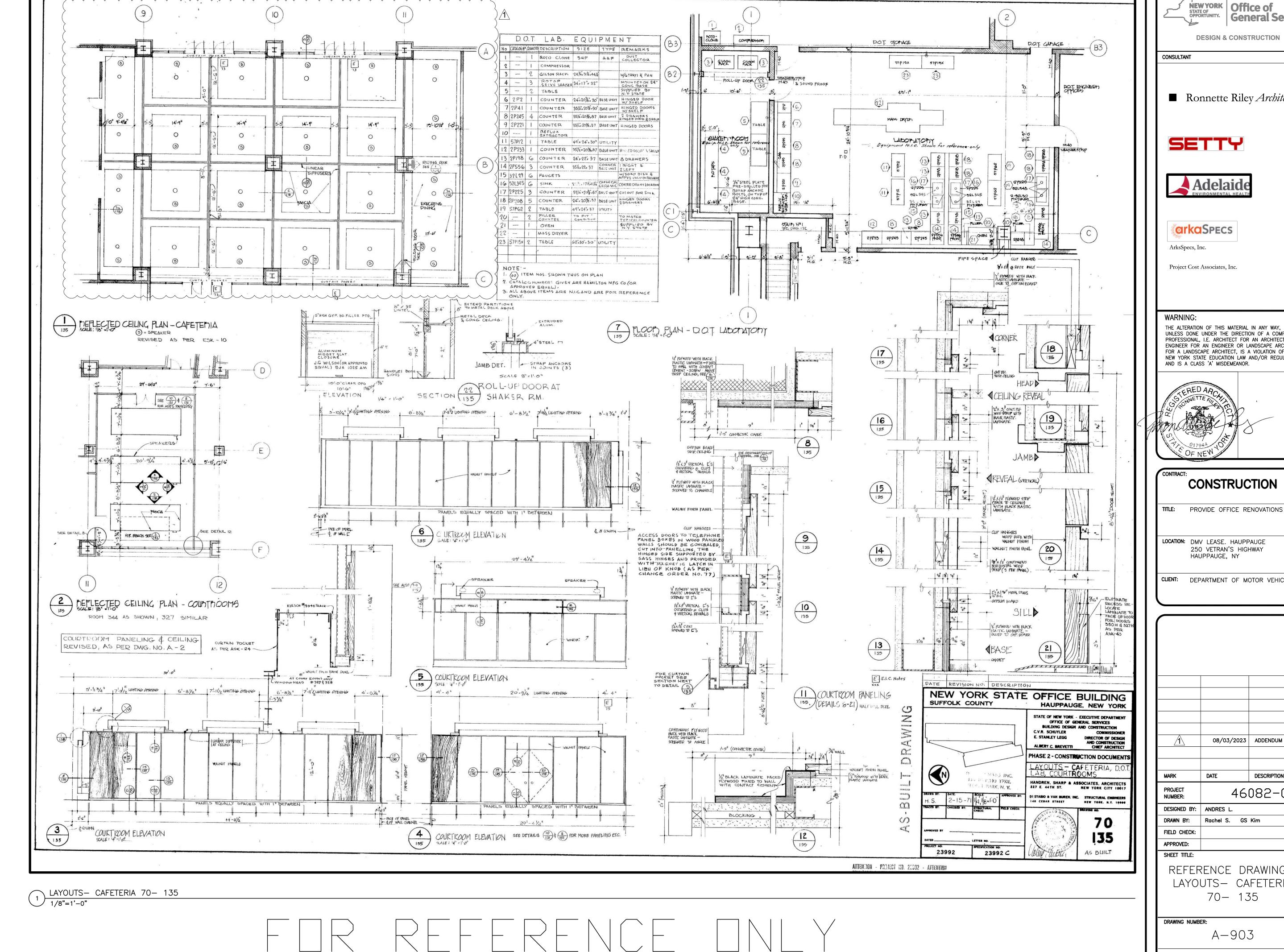
SHEET TITLE:

REFERENCE DRAWINGS:
BASEMENT PLAN
SOUTH— 70— 105

DRAWING NUMBER: A-902

SHEET 11 OF 16

Aug 03,2023 — 11:25am F:\2019 JOBS\1926 OGS— DMV Hauppauge\05.Drawings\RRA Set\Plans & Plot Sheets\1926—F0



NEW YORK Office of STATE OF OPPORTUNITY. General Services **DESIGN & CONSTRUCTION**

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CONSTRUCTION

LOCATION: DMV LEASE. HAUPPAUGE 250 VETRAN'S HIGHWAY HAUPPAUGE, NY

CLIENT: DEPARTMENT OF MOTOR VEHICLES

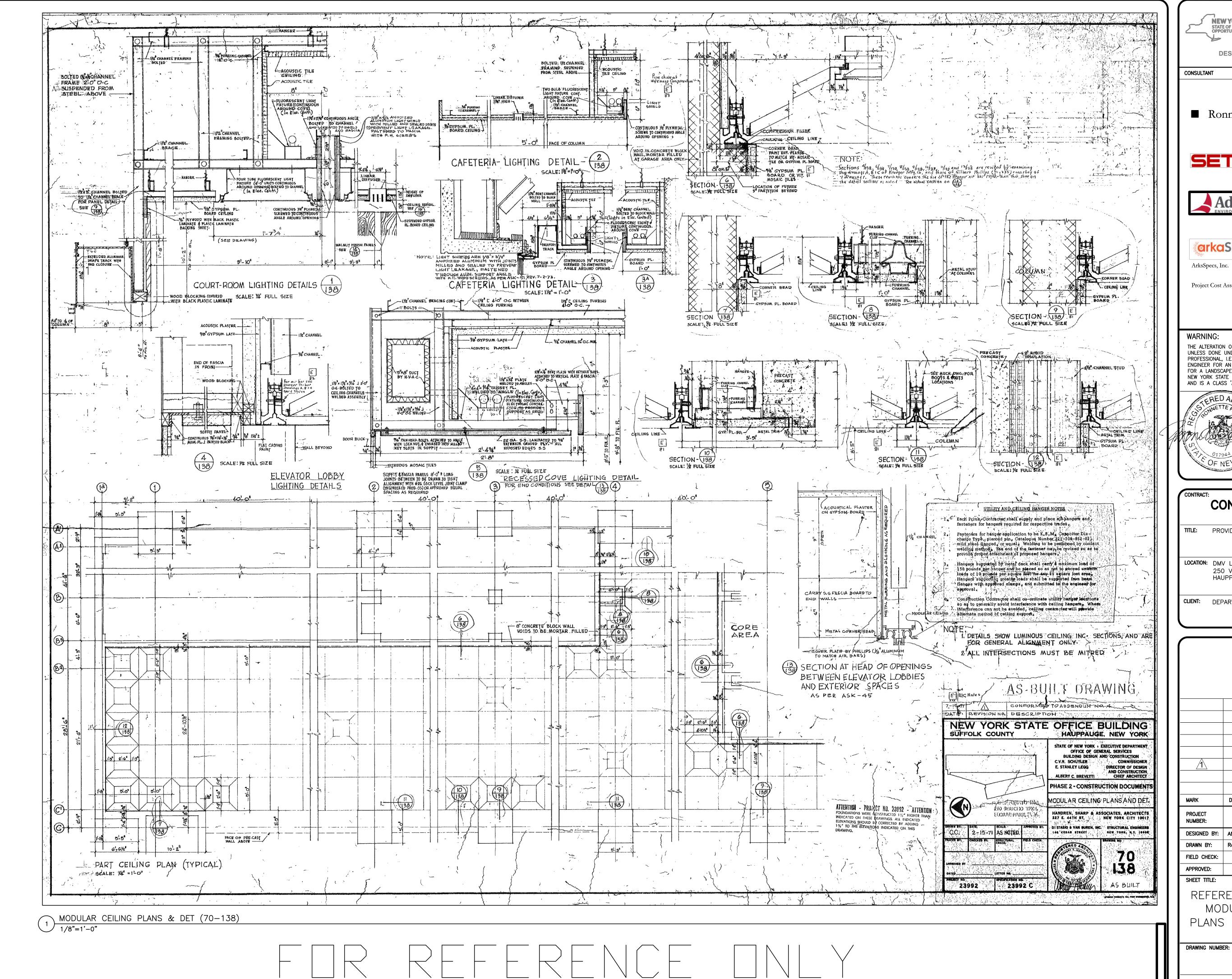
<u>1</u>	08/03/2023	ADDENDUM 1	
	DATE	DESCRIPTION	
ECT ER:	46082-C		
NED BY:	ANDRES L.		
N BY:	Rachel S. GS Kim		
CHECK:			
OVED:			

REFERENCE DRAWINGS: LAYOUTS- CAFETERIA

70- 135

DRAWING NUMBER: A-903

SHEET 11 OF 16



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CONSTRUCTION

TITLE: PROVIDE OFFICE RENOVATIONS

LOCATION: DMV LEASE. HAUPPAUGE 250 VETRAN'S HIGHWAY

HAUPPAUGE, NY

CLIENT: DEPARTMENT OF MOTOR VEHICLES

08/03/2023 ADDENDUM 1 DATE DESCRIPTION

46082-C NUMBER: DESIGNED BY: ANDRES L. DRAWN BY: Rachel S. GS Kim

FIELD CHECK: APPROVED:

REFERENCE DRAWINGS: MODULAR CEILING PLANS & DET 70-138

DRAWING NUMBER:

A - 904

GENERAL NOTES 1. INSTALLATION OF ALL WORK SHALL BE IN ACCORDANCE WITH THE FOLLOWING 31. COORDINATE ELECTRICAL WORK TO AVOID INTERFERENCE BETWEEN ALL OTHER TRADES. REGULATIONS, CODES, ETC. A. DETERMINE INTERFERENCE BEFORE WORK IS FABRICATED OR INSTALLED AND SHALL BE A. LOCAL CODES AND ORDINANCES THOROUGHLY FAMILIAR WITH ALL DETAILS OF WORK AND WORKING CONDITIONS AND COORDINATE WORK DURING PRELIMINARY STAGES TO ENSURE ACTUAL ERECTION WILL B. 2020 BUILDING CODE OF NEW YORK STATE - 2018 INTERNATIONAL BUILDING CODE. PROCEED WITHOUT INTERFERENCE. COORDINATION IS OF PARAMOUNT IMPORTANCE C. 2020 NEW YORK ELECTRICAL CODE OF NEW YORK STATE - 2017 NATIONAL ELECTRICAL AND NO REQUESTS FOR ADDITIONAL PAYMENT WILL BE CONSIDERED WHERE REQUEST CODE (NEC) IS BASED ON INTERFERENCE. D. 2020 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE (ECCNYS) WHERE JOB CONDITIONS REQUIRE REASONABLE DEVIATIONS FROM CONTRACT 2. NOTIFY THE DIRECTOR'S REPRESENTATIVE IN WRITING OF ANY DISCOVERED CONFLICTS DOCUMENTS, MAKE DEVIATIONS WITHOUT ADDITIONAL COST TO DIRECTOR'S BETWEEN EXISTING INSTALLATIONS WHICH ARE NOT SCHEDULED FOR REMOVAL AND THE REPRESENTATIVE, AFTER OBTAINING APPROVAL OF DIRECTOR'S REPRESENTATIVE. WORK INDICATED WITHIN THE CONTRACT DOCUMENTS. SUCH NOTIFICATION SHALL BE C. PROVIDE MAXIMUM PRACTICAL SPACE FOR OPERATION, REPAIR, REMOVAL, AND TESTING ACCOMPANIED BY A DRAWING DELINEATING THE PROPOSED SOLUTION PRIOR TO STARTING OF ELECTRICAL EQUIPMENT. APPROVED DEVIATIONS MAY BE MADE TO PROVIDE ANY WORK IN THE AFFECTED AREA. REQUIRED ACCESSIBILITY. 3. PROVIDE SUFFICIENT NOTICE TO THE DIRECTOR'S REPRESENTATIVE PRIOR TO ANY WORK TO D. KEEP CONDUITS, WIREWAYS AND SIMILAR ITEMS AS CLOSE AS POSSIBLE TO CEILING. ALLOW ADEQUATE TIME FOR COORDINATION OF EXISTING BUILDING ACTIVITIES WITH THE WALLS AND COLUMNS IN ORDER TO TAKE UP MINIMUM AMOUNT OF SPACE. E. PROVIDE OFFSETS, FITTINGS AND SIMILAR ITEMS NECESSARY TO ACCOMPLISH 4. INCLUDE IN THEIR SCOPE ALL LABOR, MATERIALS, SERVICES, APPARATUS AND SHOP REQUIREMENTS OF COORDINATION WITHOUT ADDITIONAL EXPENSE TO DIRECTOR'S DRAWINGS IN ADDITION TO THE CONTRACT DOCUMENTS AS REQUIRED TO COMPLY WITH ALL REPRESENTATIVE. APPLICABLE GOVERNING LAWS, CODES AND JURISDICTION REQUIREMENTS. PROVIDE F. PROVIDE ACCESS TO AND CLEARANCES AROUND EQUIPMENT AS REQUIRED BY THE ELECTRICAL EQUIPMENT WITH ALL ASSOCIATED ACCESSORIES, BRANCH CIRCUIT WIRING AND N.E.C. CONDUIT INFRASTRUCTURE AS REQUIRED TO ENSURE A COMPLETE AND OPERATIONAL 32. TESTING: 5. DELIVER PRODUCTS TO PROJECT SITE IDENTIFIED WITH NAMES, MODEL NUMBERS, TYPES, A. TEST AND ADJUST EQUIPMENT AND SYSTEMS INSTALLED AND DEMONSTRATE PROPER GRADES, COMPLIANCE LABELS, AND OTHER INFORMATION NEEDED FOR DISTINCT OPERATION TO DIRECTOR'S REPRESENTATIVE. NO EQUIPMENT SHALL BE TESTED OR IDENTIFICATION; ADEQUATELY PACKAGED AND PROTECTED TO PREVENT DAMAGE DURING SHIPMENT, STORAGE, AND HANDLING. PROTECT STORED EQUIPMENT AND MATERIALS FROM ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. DAMAGE. COMPLY WITH MANUFACTURER'S RIGGING AND MOVING INSTRUCTIONS FOR UNLOADING EQUIPMENT AND MOVING INTO FINAL LOCATION. 6. ELECTRICAL PLANS ARE DIAGRAMMATIC ONLY. COORDINATE WITH EQUIPMENT VENDOR TO VERIFY EXACT LOCATION AND CONNECTION REQUIREMENTS PRIOR TO INSTALLATION. ACCEPTANCE TESTS. 7. EQUIPMENT SUCH AS RELAYS, SWITCHES, PANELS, AND OTHER APPURTENANCES SHALL HAVE IDENTIFICATION PLATES OF BLACK LAMINATED PLASTIC WITH 1/2" WHITE LETTERS. ALL JUNCTION BOXES IN CEILING CAN BE MARKED WITH BLACK PERMANENT MARKER ON COVER PLATES AS PANEL DESIGNATION AND CIRCUIT NUMBER FROM WHICH THEY ARE FED. 8. ALL CONDUCTORS SHALL BE IDENTIFIED. ALL WIRING DEVICES SHALL BE USED WITH TYPED LABEL ON THE COVER PLATE IDENTIFYING THE PANEL DESIGNATION AND CIRCUIT NUMBER FROM WHICH THEY ARE FED. 9. CONTROL WIRING SHALL BE TAGGED AT EACH END AND TERMINATED WHERE WORK HAS BEEN PERFORMED IN ACCORDANCE WITH EQUIPMENT MANUFACTURES SPECIFICATIONS. 120V BRANCH CIRCUIT WIRING CONDUCTOR SIZE 10. ALL CONNECTIONS TO DEVICES SHALL BE TAPED WITH ELECTRICAL TAPE. 11. ALL DEVICES, FIXTURES AND MATERIALS INSTALLED IN A PLENUM RATED ENVIRONMENT SHALL BE LISTED FOR THE APPLICATION. 12. ALL MATERIALS AND WORK SHALL BE ACCORDING TO SPECIFICATIONS UNLESS OTHERWISE THE TABLE BELOW. 13. ALL CONDUITS AND JUNCTION BOXES SHALL BE CONCEALED IN FINISHED AREAS, PRIOR TO MAXIMUM #10 WIRE SHALL BE USED FOR GENERAL RECEPTACLE CIRCUIT WIRING. REFER TO SHEET E-701 FOR EXACT BRANCH CIRCUIT WIRING CONDUCTOR SIZE. CONCEALMENT OF CONSTRUCTION, ALL WORK BEHIND FINISHED SURFACES SHALL BE INSPECTED BY THE DIRECTOR'S REPRESENTATIVE. **WIRE SIZE** LENGTH (FEET) VOLTAGE (V) AMPACITY (A) 14. IF MATERIAL OR EQUIPMENT IS INSTALLED BEFORE IT IS APPROVED, SHALL BE LIABLE FOR ITS (AWG TYP.) REMOVAL AND REPLACEMENT AT NO ADDITIONAL CHARGE OR IF IN THE OPINION OF THE #12 DIRECTOR'S REPRESENTATIVE, THE MATERIAL OR EQUIPMENT DOES NOT MEET THE INTENT #10 OF THE DRAWINGS AND SPECIFICATIONS. 15. REFER TO ARCHITECTURAL DRAWINGS FOR THE EXACT LOCATION, ELEVATION, MOUNTING HEIGHTS AND DETAILS OF ALL DEVICES. REPORT ANY DISCREPANCIES TO THE DIRECTOR'S REPRESENTATIVE IMMEDIATELY. 16. ALL SLAB PENETRATIONS MUST BE X-RAYED OR RADAR PRIOR TO CORE DRILLING. OBTAIN APPROVAL FROM DIRECTOR'S REPRESENTATIVE PRIOR TO ANY CORE DRILLING. **GENERAL** 17. INSTALLATION OF EQUIPMENT, COMPONENTS AND WIRING FOR ELECTRICAL SYSTEMS SHALL BE IN ACCORDANCE WITH REQUIREMENTS OF EQUIPMENT MANUFACTURER. **REMOVAL NOTES** 18. ALL EXISTING PANELS IMPACTED BY THIS PROJECT SHALL BE PROVIDED WITH UPDATED TYPEWRITTEN PANEL SCHEDULES INDICATING THE FINAL ROOM NUMBER AND THE GENERAL: EQUIPMENT OR DEVICES SERVED BY THE CIRCUIT. BALANCE THE LOADS ON ALL THREE PHASES FOR EACH PANEL BOARD WHERE WORK HAS BEEN PERFORMED IN ACCORDANCE A. THE GENERAL EXTENT OF EXISTING ELECTRICAL WORK TO BE DISMANTLED AND WITH EQUIPMENT MANUFACTURER'S SPECIFICATIONS. REMOVED OR RELOCATED IS INDICATED ON THE DRAWINGS. 19. SCOPE OF WORK INCLUDES TRACING ALL EXISTING CIRCUITS IN THE CONSTRUCTION AREA BACK TO SOURCE. IF REMOVAL OF EXISTING ELECTRICAL EQUIPMENT AFFECTS ANY EXISTING RELOCATED MAY NOT BE SPECIFICALLY INDICATED. REMOVE ALL ASSOCIATED CIRCUITS, PROVIDE CIRCUIT BREAKERS, WIRING, CONDUIT, ETC. REQUIRED TO RECONNECT ELECTRICAL ACCESSORIES AND COMPONENTS INCLUDING BUT NOT LIMITED TO EXISTING-TO-REMAIN ELECTRICAL EQUIPMENT BACK TO SOURCE. 20. THE CONTINUITY OF ALL EXISTING CIRCUITS TO REMAIN SHALL BE MAINTAINED. 21. PROVIDE AN INSULATED EQUIPMENT GROUNDING CONDUCTOR IN ALL BRANCH CIRCUITS AND FEEDERS INSTALLED IN RACEWAYS. THE DEDICATED EQUIPMENT GROUNDING CONDUCTOR SHALL BE SIZED PER NEC SECTION 250.122. SOLE USE OF METAL RACEWAY AS A GROUNDING CONDUCTOR SHALL NOT BE ACCEPTABLE. WIRING METHODS SHALL BE IN

ACCORDANCE WITH NEC SECTION 518.4 FOR ALL ASSEMBLY AREAS.

23. PROVIDE MINIMUM 3/4" CONDUIT FOR POWER CIRCUITS.

OF THE SYSTEM WHETHER INDICATED ON PLAN OR NOT.

INSULATED EQUIPMENT GROUNDING CONDUCTOR.

INSTALLATION IS NOT PERMITTED.

22. ALL CONDUCTORS SHALL BE COPPER. MINIMUM SIZE SHALL BE #12 AWG. CONDUCTOR #10

24. TYPE MC CABLE MAY BE USED IN LIEU OF EMT FOR BRANCH CIRCUITS, IN DRYWALL PARTITION

CABLE FOR ISOLATED CIRCUIT SHALL HAVE TWO (2) SEPARATE GROUNDING CONDUCTORS.

CLARIFICATION IS NECESSARY. PROVIDE ALL WIRE NECESSARY FOR THE PROPER FUNCTION

AND IN CEILING PLENUM WHERE ALLOWED BY NEC AND THE DIRECTOR'S REPRESENTAIVE. MC

AWG AND SMALLER SHALL BE SOLID. CONDUCTORS #8 AWG AND LARGER SHALL BE

STRANDED. CONDUCTOR SHALL HAVE THHN/THWN INSULATION OR AS NOTED.

25. NUMBER OF WIRES MAY NOT BE INDICATED FOR ALL CIRCUITS, ONLY THOSE WHERE

26. PROVIDE EACH CIRCUIT HOMERUN WITH A DEDICATED NEUTRAL CONDUCTOR AND

27. ALL BACK BOXES INSTALLED IN PARTITION WALLS SHALL BE STAGGERED. BACK-TO-BACK

28. PROVIDE ACCESS PANELS FOR ALL INACCESSIBLE JUNCTION BOXES AS REQUIRED BY THE

29. MAKE ALL FINAL POWER AND TELECOM CONNECTIONS TO SYSTEM FURNITURE EQUIPMENT

30. PROVIDE PLASTER RING WITH PULL STRING TO SPACE ABOVE SUSPENDED CEILING FOR ALL

FPHONE DATA AND CARP READERS INSTALLED IN RECEPTION MILL WORK RE-EXISTING CONDUTS PREVIOUSLY SEMVING VHAT AREA FROM CLILING SPACE OF FLOOR

AS REQUIRED. JUNCTION BOXES SERVING SYSTEM FURNITURE SHALL REMAIN ACCESSIBLE.

TELEPHONE, DATA, FAX MODEM, CATY, CARD BEADER, ETC. OUTLETS INSTALLED IN HOLLOW PARTITIONS. PROVIDE 1" CONDUIT, NEW DATA CABLES AND PULL STRING TO SPACE ABOVE SUSPENDED CEILING FOR THESE OUTLETS INSTALLED IN AN INSULATED PARTITION. PROVIDE 1" CONDUIT, NEW DATA CABLES WITH PULL STRINGS FOR DATA/TELE OUTLETS. FOR

BELOW, PROVIDE AS MANY DATA CABLES AS REQUIRED AS PER VENDOR REQUIREMENTS. • FOR ALL NEW DATA CABLING, RUN DATA CABLE FROM LOW VOLTAGE ITEM BACK TO DATA PATCH PANEL. COORDINATE EXACT LOCATION WITH DIRECTOR'S REPRESENTATIVE. mmmmmm

- HANGERS, WIRING, CONDUIT, BOXES AND ALL ADDITIONAL MISCELLANEOUS ITEMS RELATED TO THE EXISTING EQUIPMENT INDICATED TO BE REMOVED OR RELOCATED. EQUIPMENT, MATERIALS OR ASSOCIATED COMPONENTS SHALL BE ABANDONED IN
- WIRING FROM ABANDONED CONDUITS BACK TO SOURCE OF SUPPLY.
- A. CLEAN THE PROJECT SITE AT THE END OF EACH WORKING DAY. ALL UNUSED MATERIALS SHALL BE REMOVED FROM THE JOB SITE WITH DISPOSAL IN ACCORDANCE WITH
- PROTECTION:
- A. PROTECT FROM DAMAGE ALL EXISTING EQUIPMENT, DEVICES AND MATERIALS TO REMAIN. ANY EXISTING MATERIALS AND EQUIPMENT DAMAGED DURING THE COURSE OF THE CONSTRUCTION PROCESS SHALL BE REPLACED WITH MATERIALS AND EQUIPMENT CONFORMING TO EXISTING SPECIFICATIONS AT NO ADDITIONAL COST TO THE NEW
- . TERMINATION AND PATCHING:
- A. DISCONNECT EXISTING EQUIPMENT AND DEVICES WITH ASSOCIATED ACCESSORIES,
- C. THE CONTINUITY OF ALL EXISTING CONDUITS AND FEEDERS SERVICING AREAS AND REQUIRED IN ORDER TO MAINTAIN THE EXISTING CIRCUITRY.

SYMBOL LIST (STANDARD SYMBOLS ONLY)

REFER TO THE LIGHTING FIXTURE SCHEDULE ON DRAWING E-501

FOR LIGHTING FIXTURE SPECIFICATIONS REFER TO DETAIL ON DRAWING E-701 FOR TYPICAL DEVICE

MOUNTING HEIGHTS. EXIT SIGN LIGHTING FIXTURES ON EMERGENCY LIGHTING CIRCUIT

WALL-MOUNTED DUPLEX RECEPTACLE, 20A, 125V NEMA 5-20R :TELEVISION

NEMA 5-20R

WALL-MOUNTED ABOVE COUNTER DUPLEX RECEPTACLE, 20A, 125V, NEMA 5-20R :SURFACE MOUNTED :UNIVERSAL SERIAL BUS FOR

WALL MOUNTED SIMPLEX RECEPTACLE. :SURFACE MOUNTED

OPERATED FOR ANY PURPOSE UNTIL IT HAS BEEN FULLY PREPARED FOR OPERATION IN

SHOW, BY DEMONSTRATION IN SERVICE, THAT ALL CIRCUITS AND DEVICES ARE IN GOOD OPERATING CONDITION. EACH PIECE OF EQUIPMENT AND COMPONENT OF THE ELECTRICAL SYSTEM SHALL FUNCTION NOT LESS THAN FIVE TIMES IN COURSE OF THE

DEPENDING ON BRANCH CIRCUIT RUN LENGTH FROM PANELBOARD TO THE LAST DEVICE ON THE BRANCH CIRCUIT, INCREASE THE BRANCH CIRCUIT WIRE SIZE AS PER

- ALL COMPONENTS ASSOCIATED WITH SYSTEMS AND EQUIPMENT TO BE REMOVED OR REMOVE ALL ASSOCIATED WIRING AND CONDUIT BACK TO THE SOURCE OF SUPPLY IN EXISTING CIRCUITS WHICH ARE TO BE REMOVED. UNLESS SPECIFICALLY INDICATED, NO
- C. ABANDON ALL CONDUITS CONCEALED IN CONCRETE WALLS OR SLABS. REMOVE ALL
- DISPOSAL OF REMOVAL:
- APPLICABLE SPECIFICATIONS AND REGULATIONS.
- YORK STATE.
- CONDUIT AND WIRING BACK TO SOURCE OF SUPPLY.
- B. WHERE EXISTING FLOORS, WALLS AND ROOFS MUST BE CUT OR ARE DAMAGED DURING THE CONSTRUCTION PROCESS, PATCH THE CUT OR DAMAGED AREAS TO MATCH THE ADJACENT CONSTRUCTION.
- EQUIPMENT TO REMAIN SHALL BE MAINTAINED. MODIFY THE EXISTING CIRCUITS IF

ABBREVIATIONS

AMERICANS WITH DISABILITIES ACT ABOVE FINISHED FLOOR AMERICAN WIRE GAUGE

CONDUIT CIRCUIT BREAKER COPPER

EXISTING TO REMAIN

FULL LOAD AMPS

KILOVOLT-AMPS

MAIN LUGS ONLY

NOT TO SCALE

SOLID NEUTRAL

MAIN CIRCUIT BREAKER

NATIONAL ELECTRICAL CODE

SURGE PROTECTIVE DEVICE

UNLESS OTHERWISE NOTED

KILOWATT

LUMEN

POLE

PHASE

PANEL

TYPICAL

VOLTS

WATTS

DEVICE ON EMERGENCY CIRCUIT

ELECTRICAL METALLIC TUBING

FIRE ALARM CONTROL PANEL

GROUND FAULT INTERRUPTER

GALVANIZED RESISTIVE CONDUIT

EXISTING TO BE REMOVED DWG DRAWING

ADA

AWG

ETR

EMT

FACP

FLA

GFI

KVA

ΚW

LM

MCB

MLO

NEC

NTS

PH, Ø

PNL

S/N

SPD

TYP.

UON

GRS

WALL-MOUNTED QUAD RECEPTACLE, 20A, 125V,

ELECTRONIC DEVICE CHARGING

FLUSH FLOOR MOUNTED ADA COMPLIANT DUPLEX NEMA 5-20R RECEPTACLE, 20A, 125V OUTLET, COORDINATE FINISH SPECIFICATION AND EXACT LOCATION WITH DIRECTOR'S REPRESENTATIVE, OUTLETS MAY HAVE THE FOLLOWING

> SUBSCRIPTS: FB : FLOOR BOX

FLUSH MOUNTED ADA COMPLIANT COMBINATION DUPLEX POWER AND TELE-DATA-AV OUTLET. REFER TO ARCHITECT DRAWINGS FOR TELE-DATA-AV OUTLET REQUIREMENTS. COORDINATE FINISH, SPECIFICATION AND EXACT LOCATION WITH DIRECTOR'S REPRESENTATIVE, **OUTLETS MAY HAVE THE FOLLOWING** SUBSCRIPTS:

: FLOOR BOX

WALL MOUNTED COMBINATION TELEPHONE/DATA

FLOOR MOUNTED COMBINATION TELEPHONE/DATA OUTLET.

CEILING MOUNTED COMBINATION TELEPHONE/DATA OUTLET.

FLOOR MOUNTED TELEPHONE OUTLET

WALL MOUNTED DATA OUTLET S: SURFACE MOUNTED

FLOOR MOUNTED DATA OUTLET WALL MOUNTED JUNCTION BOX

120/208V ELECTRICAL PANEL

CIRCUIT NUMBER DESIGNATION FEEDING ELECTRICAL DEVICES, FIXTURES AND EQUIPMENT PANEL-XX PANEL : INDICATES THE PANEL NAME XX : INDICATES THE CIRCUIT NUMBER

KEYED DRAWING NOTE WALL MOUNTED CARD READER

CONDUIT UP

CONDUIT DOWN

FIRE ALARM SYMBOL LIST

RECEPTACLE OUTLETS AND JUNCTION BOX DEVICES MAY BE INDICATED WITH THE FOLLOWING SUBSCRIPTS:

GFI: GROUND FAULT INTERRUPTER

SUBSCRIPTS



NEW YORK Office of

■ Ronnette Riley *Architect*

494 Eighth Avenue, 15th Floor

New York, NY 10001

www.ronnetterilev.com

Setty & Associates, Ltd. PC

535 8th Avenue, 21s

DESIGN & CONSTRUCTION

STATE OF OPPORTUNITY. General Services

PO Box 201 Rock Tavern, NY 1575

Project Cost Associates, Inc 240 Hillside Ave Hillside, NJ 07205

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ELECTRICAL

08/03/2023 | ADDENDUM 1 DESCRIPTION DATE PROJECT NUMBER:

APPROVED: XXXXX SHEET TITLE: **GENERAL NOTES**

FIELD CHECK

CEILING/WALL MOUNTED FIRE ALARM VISUAL DEVICE (STROBE), ADA COMPLIANT NUMBER DENOTES CANDELA INTENSITY RATING, MINIMUM 15cd, MOUNTING HEIGHT FROM 80" UP TO A

FACP FIRE ALARM SYSTEM CONTROL PANEL

MAXIMUM OF 96" AFF

TITLE: PROVIDE OFFICE RENOVATIONS

LOCATION: DMV LEASE, HAUPPAUGE 250 VETRAN'S HWY HAUPPAUGE, NY

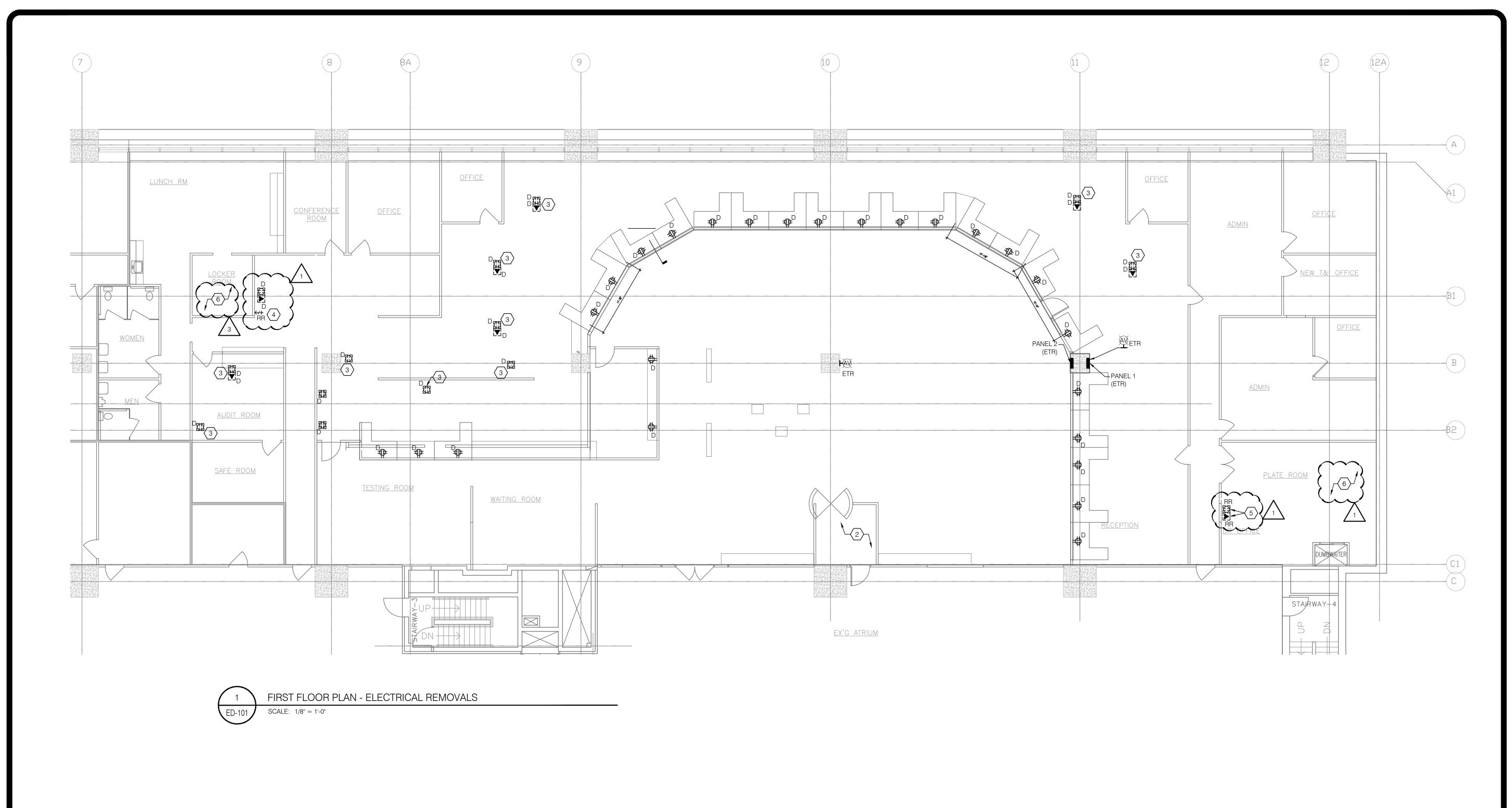
CLIENT: DEPARTMENT OF MOTOR VEHICLES

CDC

SYMBOLS & **ABBREVIATIONS**

DRAWING NUMBER:

SHEET 12 OF 17





- 1. REFER TO THE ELECTRICAL COVER SHEET DRAWING E-001 FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS.
- 2. UNLESS OTHERWISE NOTED, REMOVE ALL EXISTING ELECTRICAL DEVICES AND EQUIPMENT SHOWN AT REMOVED WALL, CEILING AND FLOOR SECTIONS THROUGHOUT THE AREA OF WORK. ABANDON CONCEALED EXISTING CONDUITS INSTALLED IN CONCRETE WALLS OR SLABS.
- 3. FOR ALL REMOVED EQUIPMENT AND DEVICES, REMOVE ALL ASSOCIATED ACCESSORIES, BRANCH CIRCUIT WIRING AND CONDUIT BACK TO SOURCE OF SUPPLY.
- 4. ALL EXISTING DEVICES TO REMAIN ARE TO BE PROTECTED FROM DAMAGE THROUGHOUT THE CONSTRUCTION PROCESS.
- 5. THE CONTINUITY OF EXISTING CIRCUITS SERVING EXISTING DEVICES AND EQUIPMENT TO REMAIN SHALL BE MAINTAINED.

SHOWN IN VESTIBULE. REMOVE ALL ASSOCIATED WIRING AND CONDUIT BACK TO SOURCE OF SUPPLY, CUT BACK CAP. ABANDON ALL CONCEALED EXISTING CONDUITS WHICH ARE LOCATED IN CONCRETE WALL OR CEILING/FLOOR SLAB. REMOVE ALL WIRING FROM ANY ABANDONED CONDUITS BACK TO THE SOURCE OF SUPPLY FOR INTERIOR DEVICES. 3. FILL ALL OPENINGS FOR FLOOR MOUNTED RECEPTACLE AND FLOOR MOUNTED DATA BOXES AND SEALED BY FIRE PROOFING MATERIAL AT THE COMPLETION OF WORK. REFER TO DIVISION 07 CONCRETE REHABILITATION SPECIFICATIONS SECTION 03:0131. INSPECT CONDUIT AND NOTIFY DIRECTOR'S REP OF DEFICIENCIES REMOVE AND RELOCATE EXISTING SWITCH. REFER TO NEW WORK PLAN ON DRAWING E-101 FOR NEW LOCATION & ADDITIONAL REMOVE AND RELOCATE EXISTING FLOOR OUTLETS IN THIS AREA TO ACCOMMODATE FOR NEW CONSTRUCTION. REFER TO NEW WORK PLAN ON DRAWING E-101 FOR ADDITIONAL INFORMATION. 6. UNLESS OTHERWISE NOTED, ALL EXISTING LIGHT FIXTURES, FIRE ALARM DEVICES, ELECTRICAL DEVICES, EQUIPMENT, CONDUITS, WIRING/BOXES, INCLUDING ALL TELEPHONE/DATA, RECEPTACLES (WALL/CEILING/FLOOR) AND SWITCHING DEVICES SERVING THIS AREA ARE EXISTING TO REMAIN.

SHEET KEY NOTES

2. REMOVE EXISTING DEVICES, CONDUITS AND WIRING FOR KIOSKS

1. NOT USED.

DURYEA SOB - 1ST FLOOR

Z KEY PLAN

--- WORK AREA

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DESIGN & CONSTRUCTION

CONSULTANT

Ronnette Riley Architect
494 Eighth Avenue, 15th Floor
New York, NY 10001
www.fonnetteriley.com

Setty & Associates, Ltd. PC
535 8th Avenue, 21s
New York, NY 10018

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ELECTRICAL

TITLE: PROVIDE OFFICE RENOVATIONS

LOCATION: DMV LEASE. HAUPPAUGE 250 VETRAN'S HWY HAUPPAUGE, NY

CLIENT: DEPARTMENT OF MOTOR VEHICLES

08/03/2023 ADDENDUM 1

MARK DATE DESCRIPTION

PROJECT
NUMBER:

DESIGNED BY: AO

FIELD CHECK: CDC

APPROVED: XXXXX

SHEET TITLE:

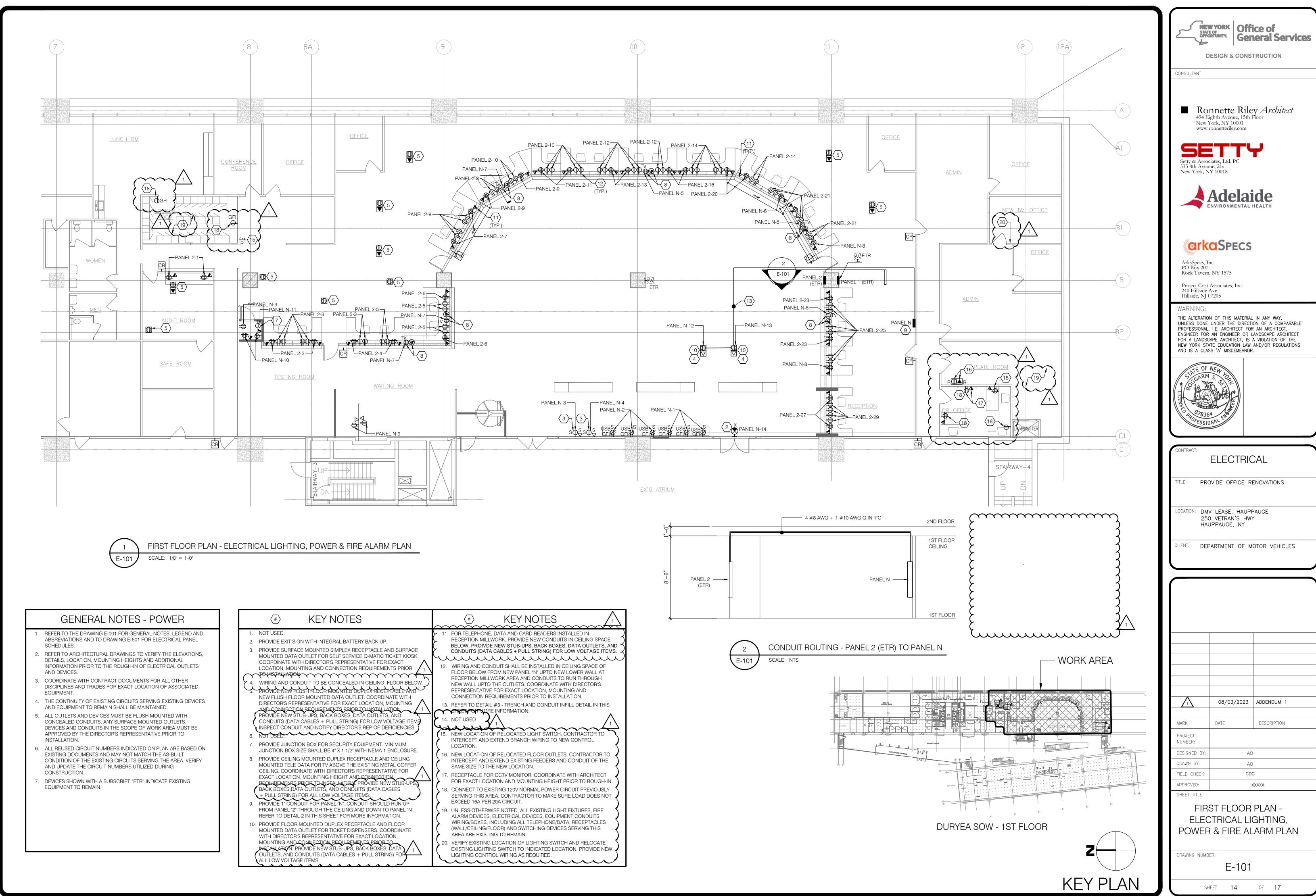
FIRST FLOOR PLAN ELECTRICAL REMOVALS

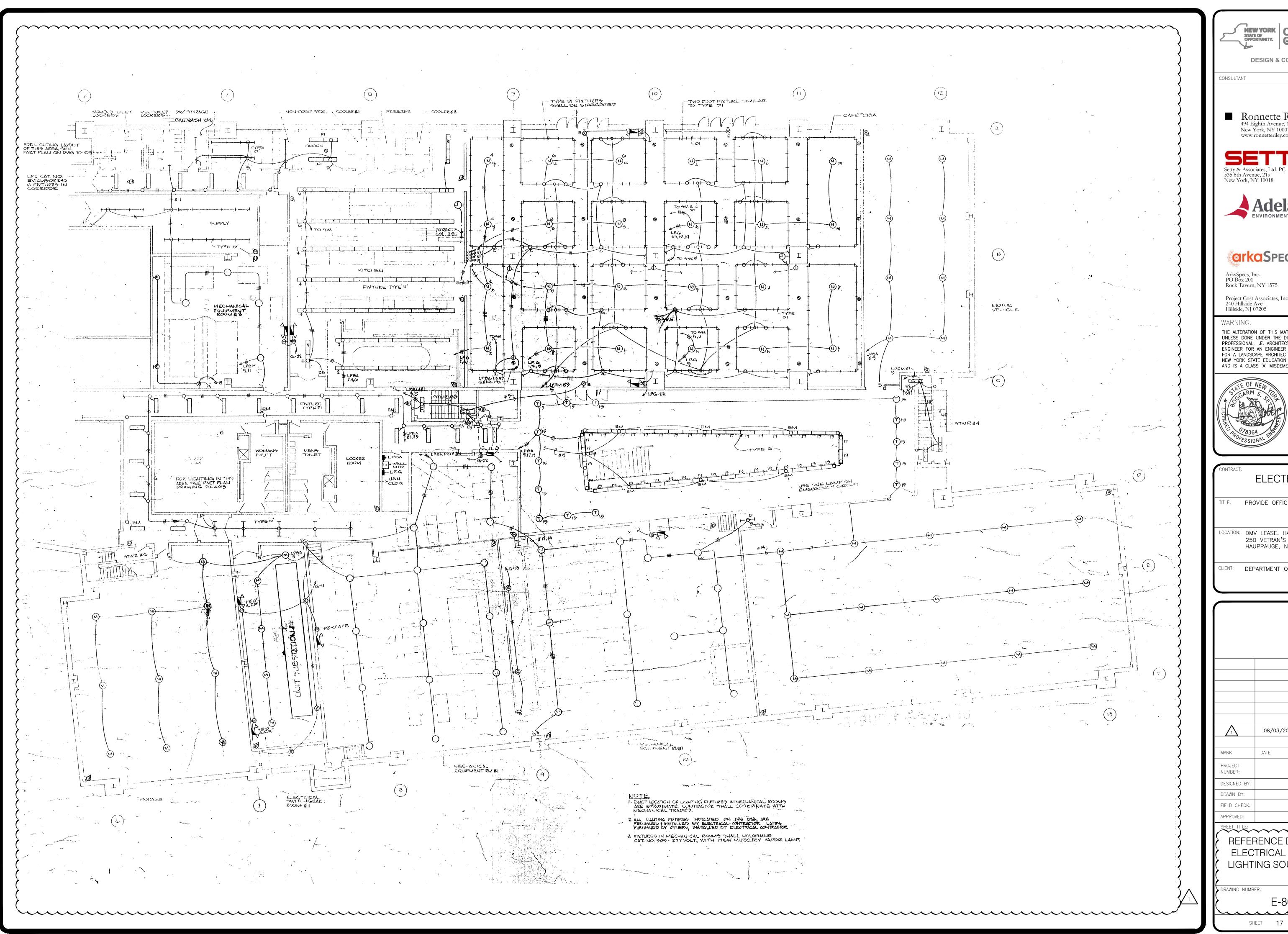
DRAWING NUMBER:

ED-101

SHEET 13 OF 17

Plotted By: VINAY.T Plot Date: 04-08-2023 19:13:10





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PROVIDE OFFICE RENOVATIONS

LOCATION: DMV LEASE. HAUPPAUGE 250 VETRAN'S HWY HAUPPAUGE, NY

CLIENT: DEPARTMENT OF MOTOR VEHICLES

1	08/03/2023	ADDENDUM 1		
MARK	DATE	DESCRIPTION		
PROJECT NUMBER:				
DESIGNED BY:	AO			
DRAWN BY:	AO			
FIELD CHECK:	CDC			
APPROVED:	xxxxx			

REFERENCE DRAWINGS -ELECTRICAL BASEMENT LIGHTING SOUTH 70-4002

DRAWING NUMBER:

SHEET 17 OF 17